





**Your one stop Source for Pharmaceutical Impurities Reference Standards**

**Analytica Chemie Inc. offers over 8000 pharmaceutical impurities reference standards to support the Pharmaceutical industry worldwide**

### **At Analytica Chemie,**

- We deliver not only Impurities but also do reliable, high quality and cost-effective organic synthesis services.
- We provide analytical services and also undertake isolation, characterization and structural elucidation of unknown impurities.
- Rapid turnaround times on both the quotes and the delivery of the products.
- We listen carefully to the concerns and needs of customers, and address them promptly and efficiently.

### **Highlights of our Impurities**

- Acknowledged by regulatory authorities worldwide.
- 8000+ impurities linked to official pharmacopoeia monographs.
- Customised pharmaceutical impurities synthesized on request
- Supply of mg to gm quantities.
- Each impurity is supported with detailed certificate of analysis.
- Additional documentation is provided on request
- Assistance in finding the right material to suit your analysis.



**4th Floor, Model Export Bhavan, 14th Cross, 2nd Stage, Peenya Industrial Area,  
Bangalore - 560 058. India.**

**Phone No. : +91 80 28363279 . Mobile : +91 9620240173**

**E-mail: [in@analyticachemie.in](mailto:in@analyticachemie.in) | Web Site : [www.analyticachemie.in](http://www.analyticachemie.in)**



# Certificate of Registration

This is to Certify that  
Quality Management System of

**ANALYTICA CHEMIE INC.**

MODEL EXPORT BHAVAN, 14TH CROSS, 4TH PHASE, PEENYA  
INDUSTRIAL AREA, PEENYA, BANGALORE – 560058, INDIA

has been assessed and found to conform to the requirements of

**ISO 9001:2015**

for the following scope :

**DEVELOPMENT, MANUFACTURE AND SUPPLY OF CHEMICAL  
REFERENCE MATERIALS AND ANALYTICAL TESTING SERVICES**

Certificate No	: 19IQCM50	Issuance Date	: 08/04/2019
Initial Registration Date	: 08/04/2019		
Date of Expiry*	: 07/04/2022		
1st Surve. Due	: 08/03/2020	2nd Surve. Due	: 08/03/2021

  
**Director**



**ACCREDITED**  
Management Systems  
Certification Body  
MSCB-119



**AQC MIDDLE EAST FZE.**

Head Office: E1-1401 E Amber Gem Tower, Sheikh Khalifa Bin Zayed Road, 2, Ajman, UAE. e-mail : [info@aqcworld.com](mailto:info@aqcworld.com)  
Key Location: 403, Madhuban Building, 55, Nehru Place, New Delhi - 110019, India.

\*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

**Certificate Verification:** Please Re-check the validity of certificate at <http://www.aqcworld.com/activeclients.aspx> or [www.aqcworld.com](http://www.aqcworld.com) at Active Clients.  
Certificate is the property of AQC Middle East FZE and shall be returned immediately when demanded





National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**ANALYTICA CHEMIE INC**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

NO.488B, 4TH FLOOR, MODEL EXPORT BHAVAN, 14TH CROSS, 2ND STAGE, PEENYA INDUSTRIAL  
AREA, BENGALURU, KARNATAKA, INDIA

in the field of

**TESTING**

Certificate Number: TC-6013

Issue Date: 28/08/2019

Valid Until:

27/08/2021\*

\*The validity is extended for one year up to 27.08.2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : ANALYTICA CHEMIE INC

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



## Analytica Chemie Inc., Bangalore, India

Analytica Chemie Inc. is a Contract Research Organization (CRO) with a proven track record of delivering various complex projects for the pharmaceutical industries.

Our services includes;

### SYNTHETIC CHEMISTRY SERVICES

- Synthesis of impurity standards and reference standards
- Synthesis of metabolites and degradation impurities
- Synthesis of Genotoxic impurities
- Synthesis of API's and advanced intermediates (milligram to kilogram scale)
- Synthesis of stable isotope labelled compounds
- Process development
- Peptide synthesis



### ANALYTICAL SERVICES

Analytica Chemie Inc. has GMP & GLP compliant, state-of-the-art analytical chemistry services laboratory, which is accredited by NABL (ISO/IEC 17025:2005), We offer analytical services to various pharmaceutical companies in India.

- Isolation and characterization of unknown Impurities
- Analytical testing services
- Analytical method development and method validation
- Extractable and leachable studies
- Stability studies
- Residual solvent method validation





## IMPURITY SYNTHESIS LABORATORIES



## QUALITY CONTROL & ANALYTICAL LABORATORIES

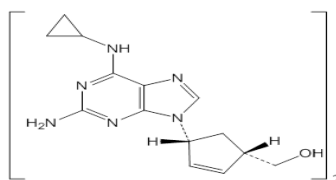
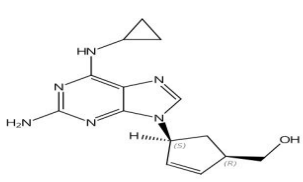
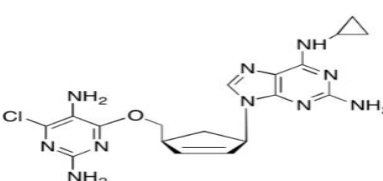
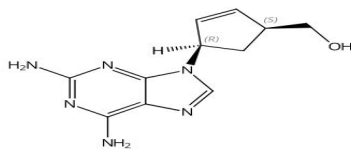
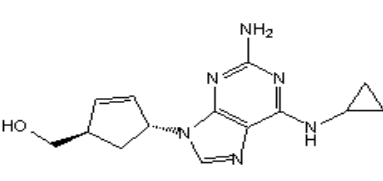
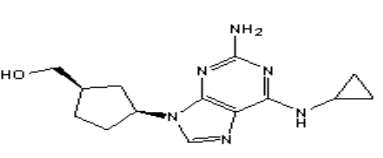
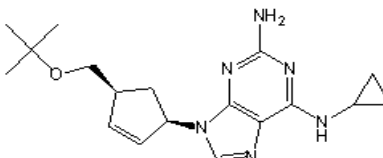




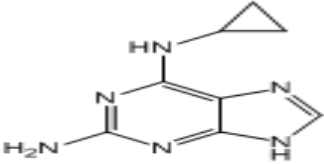
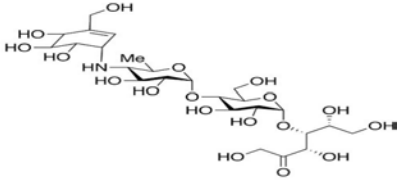
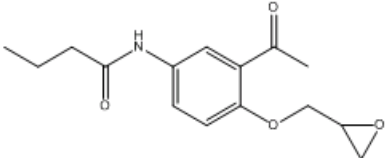
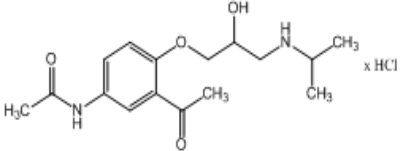
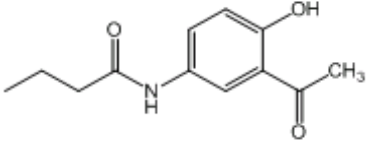
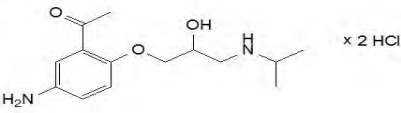
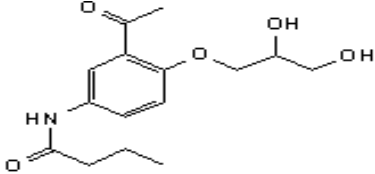
## NMR FACILITY AND SCALE-UP LABORATORY

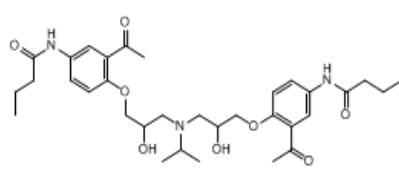
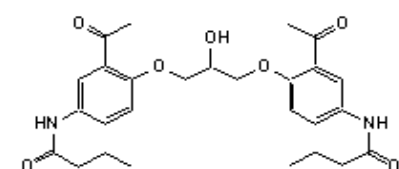
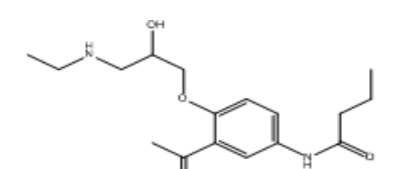
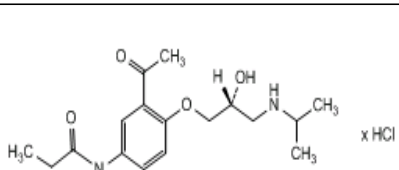
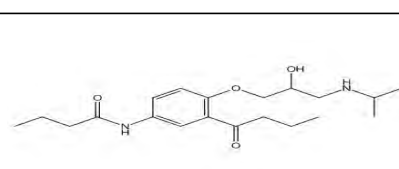
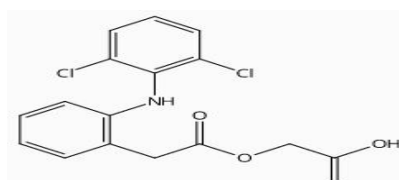
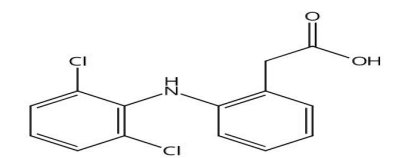




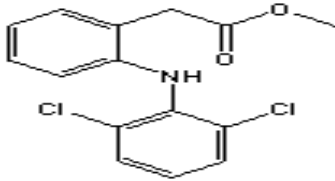
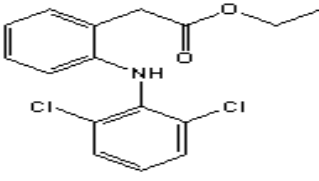
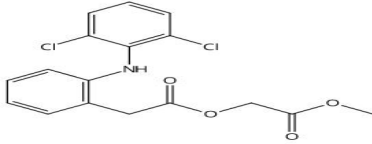
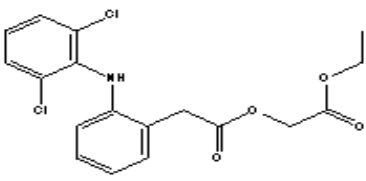
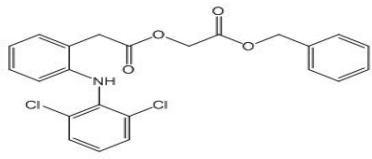
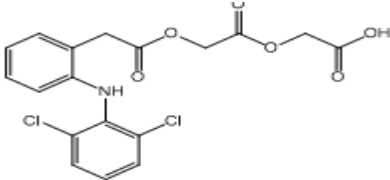
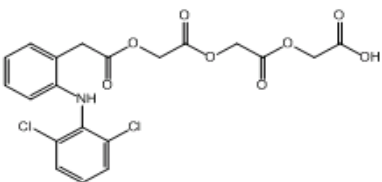
Code	Product Name	Structure	CAS No.
<b>Abacavir</b>			
ACI 013300	<b>Abacavir Sulfate:</b> (1S,4R)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol Sulfate		188062-50-2
ACI 013301	<b>Abacavir Imp. A (EP):</b> [(1R,4S)-4-[2-amino-6-(cyclopropylamino)-9H-purin-9-yl]cyclopent-2-enyl]methanol		136470-79-6
ACI 013302	<b>Abacavir Sulfate Imp. B(EP) :</b> 6-(cyclopropylamino)-9-[(1R,4S)-4-[[[(2,5-diamino-6-chloropyrimidin-4-yl)oxy]methyl]cyclopent-2-enyl]-9H-purine-2-amine		1443421-69-9
ACI 013303	<b>Abacavir Imp. C (EP):</b> [(1S,4R)-4-(2,6-diamino-9H-purin-9-yl)cyclopent-2-enyl]methanol		124752-25-6
ACI 013304	<b>Abacavir Imp. D (EP):</b> [(1R,4R)-4-[2-amino-6-(cyclopropylamino)-9H-purin-9-yl]cyclopent-2-enyl]methanol		783292-37-5
ACI 013305	<b>Abacavir Imp. E (EP):</b> [(1R,3S)-3-[2-amino-6-(cyclopropylamino)-9H-purin-9-yl]cyclopentyl]methanol		208762-35-0
ACI 013306	<b>Abacavir Imp. F (EP):</b> 6-(cyclopropylamino)-9-[(1R,4S)-4-[[[(1,1-dimethylethyl)oxy]methyl]cyclopent-2-enyl]-9H-purine-2-amine		1443421-68-8

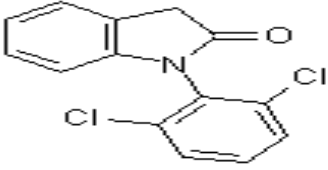
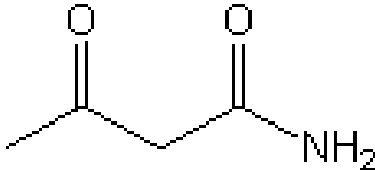
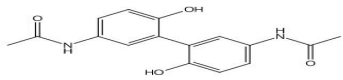
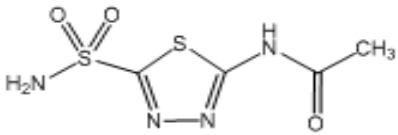
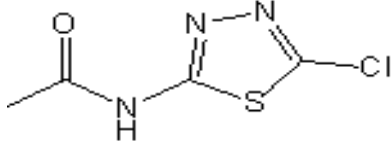
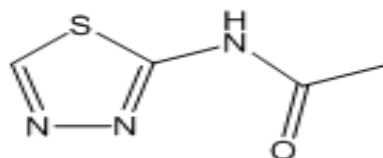
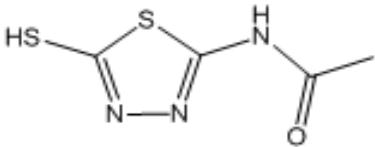


Code	Product Name	Structure	CAS No.
ACI 013307	<b>Abacavir Impurity:</b> N6-Cyclopropyl-9H-purine-2,6-diamine		120503-69-7
<b>Acarbose</b>			
ACI 017601	<b>Acarbose EP imp.A:</b> O-4,6-dideoxy-4-[[[(1S,4R,5S,6S)-4,5,6-trihydroxy-3-(hydroxymethyl)cyclohex-2-enyl]amino]-α-D-glucopyranosyl-(1→4)-O-α-D-glucopyranosyl-(1→4)-D-arabino-hex-2-ulopyranose		1013621-79-8
<b>Acebutolol</b>			
ACI 011501	<b>Acebutolol Hydrochloride Imp. A (EP):</b> N-[3-Acetyl-4-[(2RS)-oxiran-2-ylmethoxy]phenyl]butanamide		28197-66-2
ACI 011502	<b>Acebutolol Hydrochloride Imp. B (EP) as hydrochloride:</b> N-[3-Acetyl-4-[(2RS)-2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]acetamide Hydrochloride		73899-76-0
ACI 011503	<b>Acebutolol Hydrochloride Imp. C (EP):</b> N-(3-Acetyl-4-hydroxyphenyl)butanamide		40188-45-2
ACI 011504	<b>Acebutolol Hydrochloride Imp. D (EP) as hydrochloride:</b> 1-[5-Amino-2-[(2RS)-2-hydroxy-3-[(1-methylethyl) amino] propoxy] phenyl]ethanone hydrochloride		NA
ACI 011506	<b>Acebutolol Hydrochloride Imp. F (EP):</b> N-[3-acetyl-4-[(2RS)-2,3-dihydroxypropoxy] phenyl]butanamide		96480-91-0

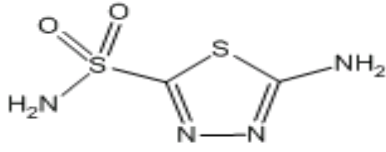
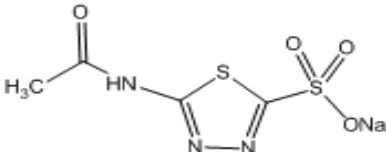
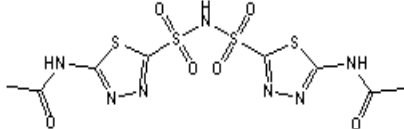
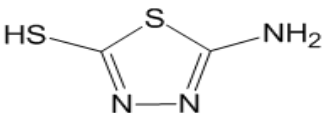
Code	Product Name	Structure	CAS No.
ACI 011507	<b>Acebutolol Hydrochloride Imp.G (EP):</b> N,N'-[[[(1-Methylethyl)imino]bis[(2-hydroxypropane-1,3-diyl)oxy(3-acetyl-1,4-phenylene)]]dibutanamide (Acebutolol Biamine)		1330165-98-4
ACI 011508	<b>Acebutolol Hydrochloride Imp. H (EP):</b> N,N'-[(2-hydroxypropane-1,3-diyl)bis[oxy(3-acetyl-1,4-phenylene)]]dibutanamide		1329613-31-1
ACI 011509	<b>Acebutolol Hydrochloride Imp. I (EP):</b> N-[3-Acetyl-4-[(2RS)-3-(ethylamino)-2-hydroxypropoxy]-phenyl]butanamide		441019-91-6
ACI 011510	<b>Acebutolol Hydrochloride Imp. J (EP) as hydrochloride:</b> N-[3-Acetyl-4-[(2RS)-2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]propanamide Hydrochloride		57898-79-0
ACI 011511	<b>Acebutolol Hydrochloride Imp.K (EP) as hydrochloride:</b> N-[3-Butanoyl-4-[(2RS)-2-hydroxy-3-[(1-methylethyl)amino]-propoxy]phenyl]butanamide Hydrochloride		57898-71-2
<b>Aceclofenac</b>			
ACI 013100	<b>Aceclofenac:</b> [[[2-[(2,6-Dichlorophenyl)amino]phenyl]acetyl]oxy]acetic acid		89796-99-6
ACI 013101	<b>Aceclofenac imp A (EP):</b> [2-[(2,6-dichlorophenyl)amino]phenyl]acetic acid		15307-86-5



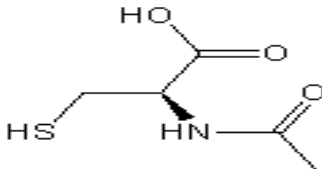
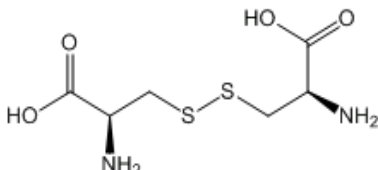
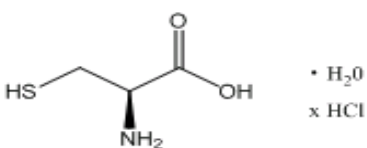
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ACI 013102	<b>Aceclofenac imp B (EP):</b> methyl [2-[(2,6-dichlorophenyl)amino]phenyl]acetate		15307-78-5
ACI 013103	<b>Aceclofenac imp C (EP):</b> ethyl [2-[(2,6-dichlorophenyl)amino]phenyl]acetate		15307-77-4
ACI 013104	<b>Aceclofenac imp D (EP):</b> methyl [[[[2-[(2,6-dichlorophenyl)amino]phenyl]acetyl]oxy]acetate		139272-66-5
ACI 013105	<b>Aceclofenac imp E (EP):</b> ethyl [[[[2-[(2,6-dichlorophenyl)amino]phenyl]acetyl]oxy]acetate		139272-67-6
ACI 013106	<b>Aceclofenac imp F (EP):</b> Benzyl[[[[2-[(2,6-Dichlorophenyl)amino]-phenyl] acetyl] oxy] acetate		100499-89-6
ACI 013107	<b>Aceclofenac imp G (EP):</b> [[[[[[2-[(2,6-dichlorophenyl)amino]phenyl]acetyl]oxy] acetyl]oxy]acetic acid		1215709-75-3
ACI 013108	<b>Aceclofenac imp H (EP):</b> [[[[[[[[2-[(2,6-Dichlorophenyl)-amino]phenyl]acetyl]oxy] acetyl]oxy]acetyl]-oxy]acetic Acid		1216495-92-9

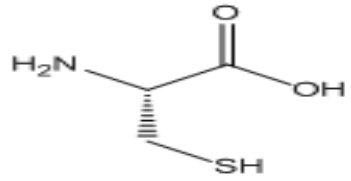
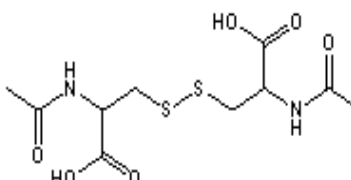
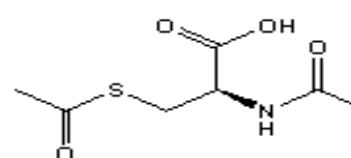
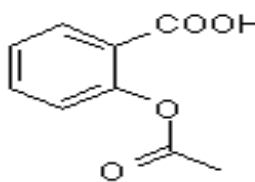
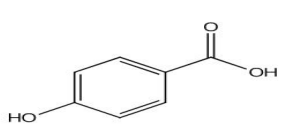
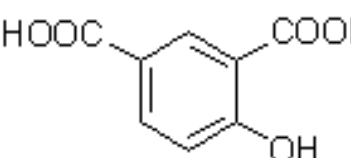
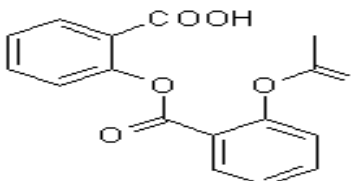
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ACI 040101	<b>Acetofenac imp I (EP):</b> I. 1-(2,6-dichlorophenyl)-1,3-dihydro-2H-indol-2-one.		15362-40-0
<b>Acesulfame</b>			
ACI 015401	<b>Acesulfame potassium Imp. A (EP):</b> 3-oxobutanamide		5977-14-0
<b>Acetaminophen</b>			
ACI 160220	<b>Acetaminophen Dimer Impurity (Paracetamol Dimer Impurity):</b> N,N'-(6,6'-Dihydroxy[1,1'-biphenyl]-3,3'-diyl)bisacetamide		98966-14-4
<b>Acetazolamide</b>			
ACI 011300	<b>Acetazolamide:</b> N-(5-[Aminosulfonyl]-1,3,4-thiadiazol-2-yl)acetamide		59-66-5
ACI 011301	<b>Acetazolamide Imp. A (EP):</b> N-(5-Chloro-1,3,4-thiadiazol-2-yl)acetamide		60320-32-3
ACI 011302	<b>Acetazolamide Imp. B (EP):</b> N-(1,3,4-Thiadiazol-2-yl)acetamide		5393-55-5
ACI 011303	<b>Acetazolamide Imp. C (EP):</b> N-(5-sulfanyl-1,3,4-thiadiazol-2-yl)acetamide		32873-56-6



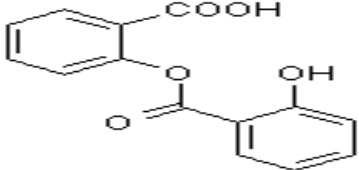
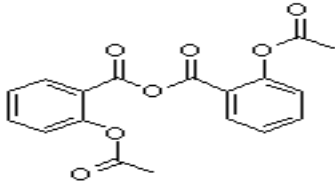
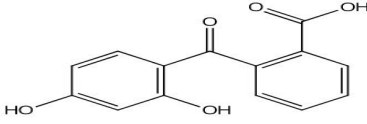
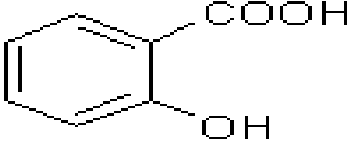
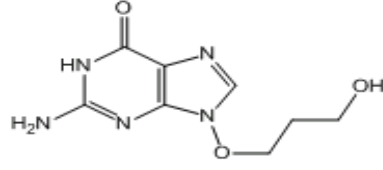
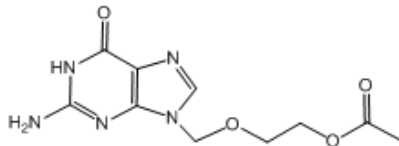
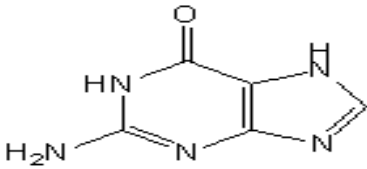
Code	Product Name	Structure	CAS No.
ACI 011304	<b>Acetazolamide Imp. D (EP):</b> 5-amino-1,3,4-thiadiazole-2-sulfonamide		14949-00-9
ACI 011305	<b>Acetazolamide Imp. E (EP) as sodium salt:</b> 5-acetamido-1,3,4-thiadiazole-2-sulfonic acid sodium salt		NA
ACI 011306	<b>Acetazolamide Imp. F (EP):</b> N-[5-[(5-acetamido-1,3,4-thiadiazol-2-yl)sulfonyl]sulfamoyl-1,3,4-thiadiazol-2-yl]acetamide		80495-47-2
ACI 011307	<b>Acetazolamide Imp. G (EP):</b> 5-Amino-1,3,4-thiadiazole-2-thiol		2349-67-9

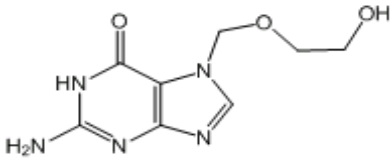
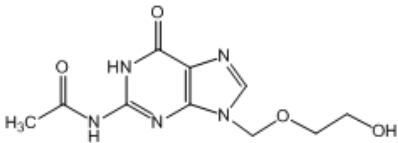
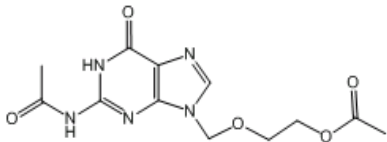
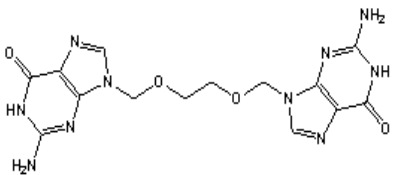
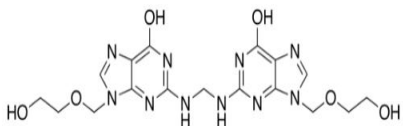
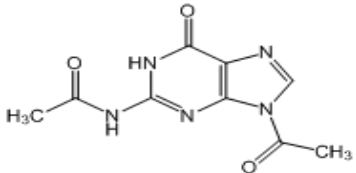
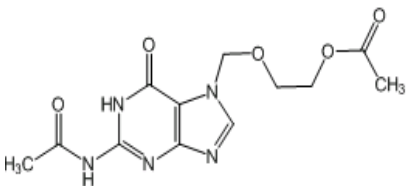
## Acetylcysteine

ACI 011400	<b>Acetylcysteine:</b> N-Acetyl-L-cysteine		616-91-1
ACI 011401	<b>Acetylcysteine Imp. A (EP):</b> L-Cystine		56-89-3
ACI 011402	<b>Acetylcysteine Imp. B (EP) as Hydrochloride:</b> Cysteine hydrochloride monohydrate		7048-04-6 • H <sub>2</sub> O x HCl

Code	Product Name	Structure	CAS No.
ACI 011402-B	<b>Acetylcysteine Imp. B (EP):</b> L-Cysteine		52-90-4
ACI 011403	<b>Acetylcysteine Imp. C (EP):</b> N,N'-Diacetyl-L-cystine		5545-17-5
ACI 011404	<b>Acetylcysteine Imp. D (EP):</b> N,S-Diacetyl-L-cysteine		18725-37-6
<b>Acetylsalicylic</b>			
ACI 010200	<b>Acetylsalicylic acid:</b> 2-(Acetyloxy)benzoic acid		50-78-2
ACI 010201	<b>Acetylsalicylic acid Imp. A (EP):</b> 4-Hydroxybenzoic acid		99-96-7
ACI 010202	<b>Acetylsalicylic acid Imp. B (EP):</b> 4-Hydroxyisophthalic acid		636-46-4
ACI 010204	<b>Acetylsalicylic acid Imp. D (EP):</b> 2-[[2-(acetyloxy)benzoyl]oxy]benzoic acid		530-75-6



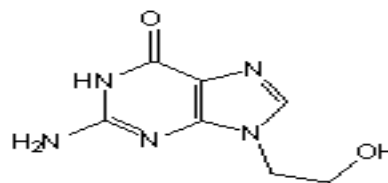
Code	Product Name	Structure	CAS No.
ACI 010205	<b>Acetylsalicylic acid Imp. E (EP):</b> 2-[(2-hydroxybenzoyl)oxy]benzoic acid		552-94-3
ACI 010206	<b>Acetylsalicylic acid Imp. F (EP):</b> 2-(acetyloxy)benzoic anhydride		1466-82-6
ACI 010210	<b>Acetylsalicylic acid Impurity:</b> 2-(2,4-Dihydroxybenzoyl)benzoic acid		2513-33-9
ACI 190100	<b>Acetylsalicylic acid Imp. C (EP):</b> 2-Hydroxybenzoic acid		69-72-7
<b>Aciclovir</b>			
ACI 012300	<b>Aciclovir:</b> 2-Amino-9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6H-purin-6-one		59277-89-3
ACI 012301	<b>Aciclovir Imp. A (EP):</b> 2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl Acetate		102728-64-3
ACI 012302	<b>Aciclovir Imp. B (EP):</b> 2-amino-1,7-dihydro-6H-purin-6-one		73-40-5

Code	Product Name	Structure	CAS No.
ACI 012303	<b>Aciclovir Imp. C (EP):</b> 2-Amino-7-[(2-hydroxyethoxy)methyl]-1,7-dihydro-6H-purin-6-one		91702-61-3
ACI 012306	<b>Aciclovir Imp. F (EP):</b> N-[9-[(2-Hydroxyethoxy)methyl]-6-oxo-6,9-dihydro-1H-purin-2-yl]acetamide		110104-37-5
ACI 012307	<b>Aciclovir Imp. G (EP):</b> 2-[[[2-(Acetylamino)-6-oxo-1,6-dihydro-9H-purin-9-yl]methoxy]ethyl] Acetate		75128-73-3
ACI 012310	<b>Aciclovir Imp. J (EP):</b> 9,9'-[Ethylenebis(oxymethylene)]bis(2-amino-1,9-dihydro-6H-purin-6-one)		166762-90-9
ACI 012311	<b>Aciclovir Imp. K (EP):</b> 2,2'-(methylenediimino)bis[9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6H-purin-6-one]		1797131-64-6
ACI 012312	<b>Aciclovir Imp. L (EP):</b> N-(9-acetyl-6-oxo-6,9-dihydro-1H-purin-2-yl)acetamide		3056-33-5
ACI 012313	<b>Aciclovir Imp. M (EP):</b> 2-[[[2-(Acetylamino)-6-oxo-1,6-dihydro-7H-purin-7-yl]methoxy]ethyl] acetate		91702-60-2



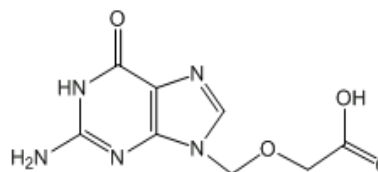
Code	Product Name	Structure	CAS No.
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ACI 012316 **Aciclovir Imp. P (EP):** 2-Amino-9-(2-hydroxyethyl)1,9-dihydro-6H-purin-6-one



23169-33-7

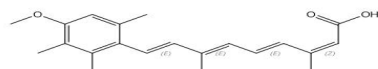
ACI 012322 **Aciclovir Impurity:** 2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]acetic Acid



80685-22-9

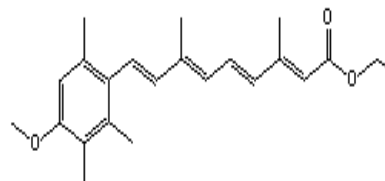
## Acitretin

ACI 015301 **Acitretin Imp. A(IP):** (2Z,4E,6E,8E)-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethylnona-2,4,6,8-tetraenoic acid



69427-46-9

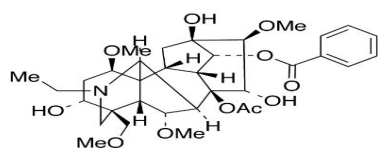
ACI 015302 **Acitretin Imp. B(EP):** ethyl (all-E)-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethylnona-2,4,6,8-tetraenoate



54350-48-0

## Aconitum

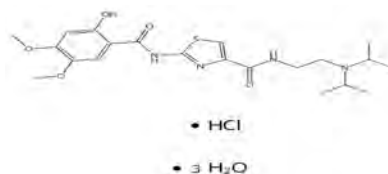
ACI 012001 **Aconitum bulleyanum:** Aconitine



302-27-2

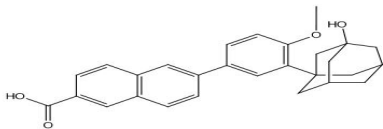
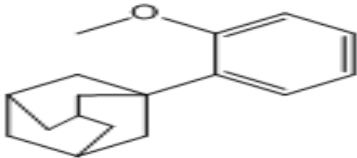
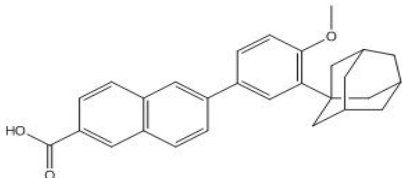
## Acotiamide

ACI 016400 **Acotiamide hydrochloride Trihydrate:** N-(2-(Diisopropylamino)ethyl)-2-(2-hydroxy-4,5-dimethoxybenzamido)thiazole-4-carboxamide Hydrochloride Trihydrate

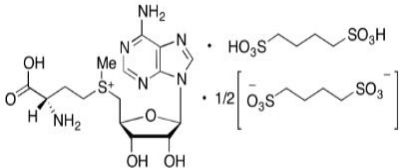


773092-05-0

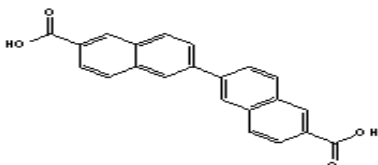
## Adapalene

Code	Product Name	Structure	CAS No.
ACI 011902	<b>Adapalene Imp. B (EP):</b> 6-[3-(3-Hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl)-4-methoxyphenyl]-2-naphthalenecarboxylic Acid		1346599-76-5
ACI 011903	<b>Adapalene Imp. C (EP):</b> 1-(2-Methoxyphenyl)tricyclo[3.3.1.1 <sup>3,7</sup> ]decane		43109-77-9
ACI 011900	<b>Adapalene:</b> 6-(3-(Adamantan-1-yl)-4-methoxyphenyl)-2-naphthoic acid		106685-40-9

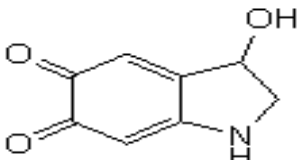
## Ademethionine

ACI 011101	<b>Ademethionine 1,4-Butanedisulfonate:</b> (3S)-5'-[(3-Amino-3-carboxypropyl)methylsulfonio]-5'-deoxyadenosine 1,4-Butanedisulfonate 1,4-Butanedisulfonate (2:1:2)		101020-79-5
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## Ademetionine

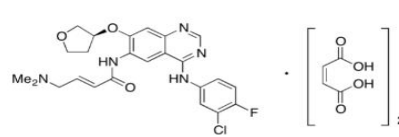
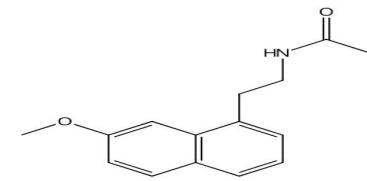
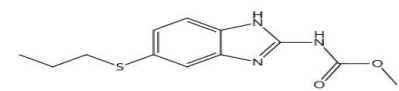
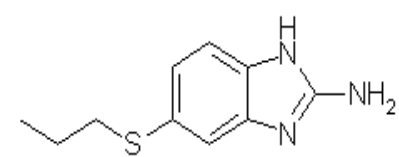
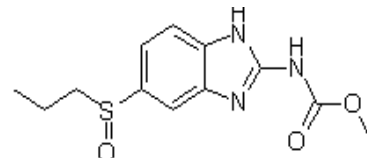
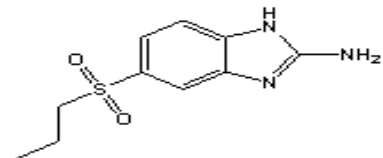
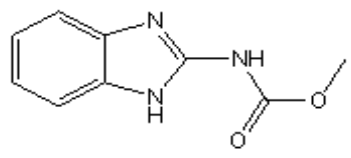
ACI 011901	<b>Ademetionine 1,4-butanedisulfonate:</b> 2,2'-Binaphthalene-6,6'-dicarboxylic Acid		932033-58-4
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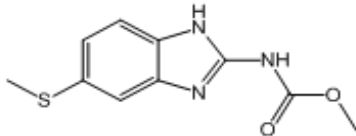
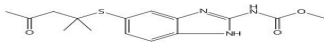
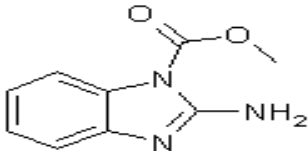
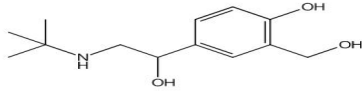
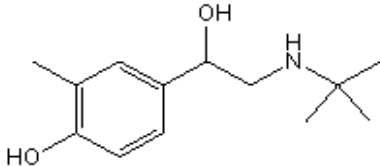
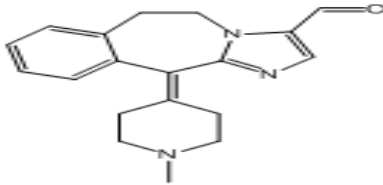
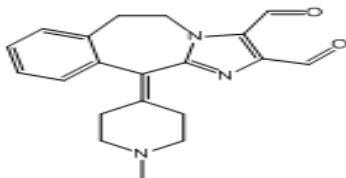
## Adrenaline

ACI 014212	<b>Adrenaline tartate impurity:</b> 3-hydroxy-2,3-dihydro-1H-indole-5,6-dione		490-89-1
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## Afatinib

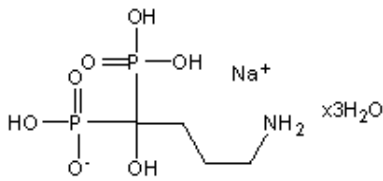
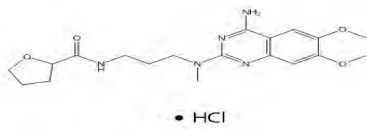
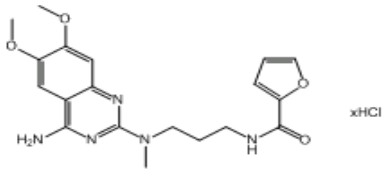
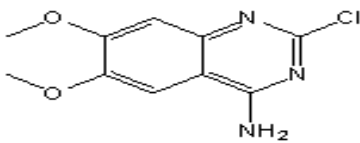
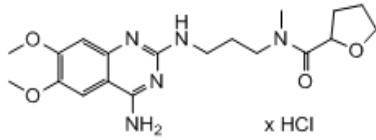
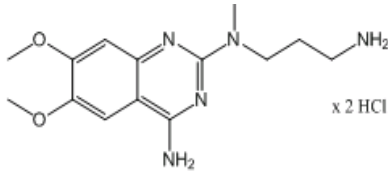
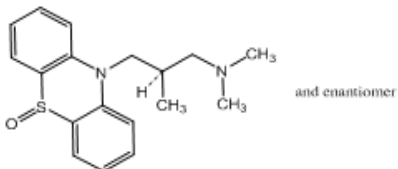


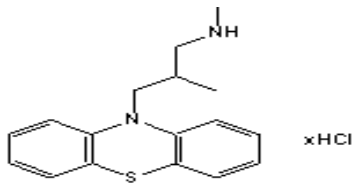
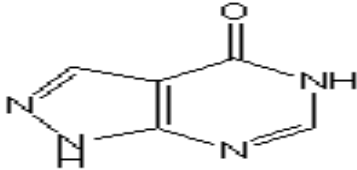
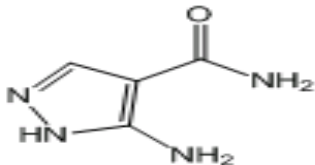
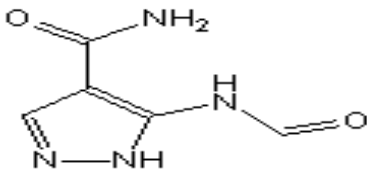
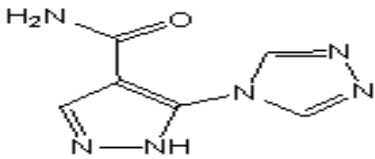
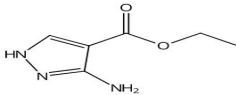
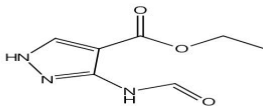
Code	Product Name	Structure	CAS No.
ACI 015500	<b>Afatinib dimaleate:</b> (2E)-N-[4-[(3-Chloro-4-fluorophenyl)amino]-7-[[3S)-tetrahydro-3-furanyl]oxy]-6-quinazoliny]-4-(dimethylamino)-2-butenamide (2Z)-2-butenedioate(1:2)		850140-73-7
<b>Agomelatine</b>			
ACI 018000	<b>Agomelatine:</b> N-[2-(7-Methoxy-1-naphthalenyl)ethyl]acetamide		138112-76-2
<b>Albendazole</b>			
ACI 010400	<b>Albendazole:</b> (6-Propylsulfanyl-1H-benzimidazol-2-yl)-carbamic acid methyl ester		54965-21-8
ACI 010401	<b>Albendazole Imp. A (EP):</b> 5-(propylsulfanyl)-1H-benzimidazol-2-amine		80893-36-4
ACI 010402	<b>Albendazole Imp. B (EP):</b> Methyl [5-(propylsulfonyl)-1H-benzimidazol-2-yl]carbamate		54029-12-8
ACI 010404	<b>Albendazole Imp. D (EP):</b> 5-(Propylsulfonyl)-1H-benzimidazol-2-amine		80983-34-2
ACI 010405	<b>Albendazole Imp. E (EP):</b> Methyl (1H-Benzimidazol-2-yl)carbamate		10605-21-7

Code	Product Name	Structure	CAS No.
ACI 010406	<b>Albendazole Imp. F (EP):</b> Methyl [5-(methylsulfanyl)-1H-benzimidazol-2-yl]carbamate		80983-45-5
ACI 010408	<b>Albendazole Imp. H (EP or BP):</b> methyl N-[5-[(2-methyl-4-oxopentan-2-yl)sulfanyl]-1H-benzimidazol-2-yl]carbamate		2469260-71-5
ACI 010411	<b>Albendazole Impurity:</b> Methyl 2-amino-1-benzimidazole carboxylate		42784-25-8
<b>Albuterol</b>			
ACI 012500	<b>Albuterol:</b> 2-(tert-Butylamino)-1-[(4-hydroxy-3-hydroxymethyl)phenyl]ethanol		18559-94-9
ACI 012511	<b>Albuterol Impurity:</b> a-[[[(1,1-dimethylethyl)amino]methyl]-4-hydroxy-3-methylbenzenemethanol		18910-68-4
<b>Alcaftadine</b>			
ACI 016600	<b>Alcaftadine:</b> 6,11-Dihydro-11-(1-methyl-4-piperidinylidene)-5H-imidazo[2,1-b][3]benzazepine-3-carboxaldehyde		147084-10-4
ACI 016611	<b>Alcaftadine Impurity:</b> 11-(1-Methylpiperidin-4-ylidene)-6-11-dihydro-5H-imidazo[2,1-b][3]benzazepine-2,3-dicarbaldehyde		NA

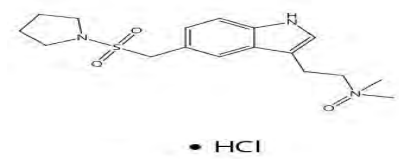
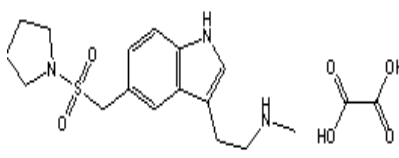
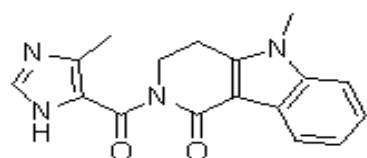
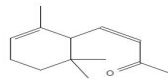
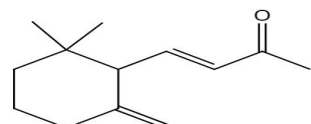
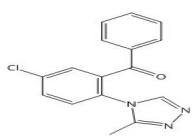
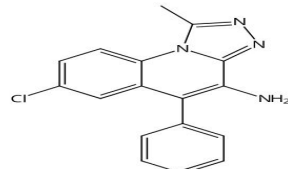
**Alendronate**



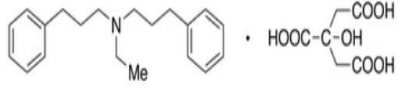
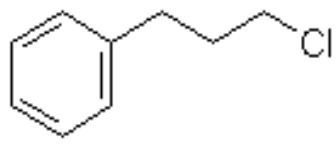
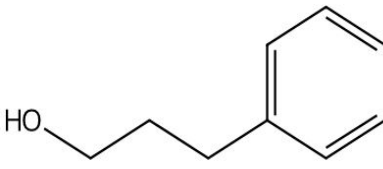
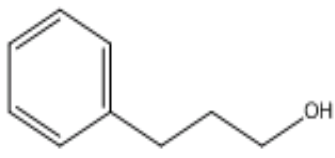
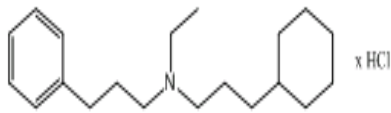
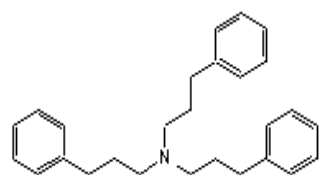
Code	Product Name	Structure	CAS No.
ACI 015100	<b>Alendronate Sodium:</b> (4-amino-1-hydroxybutylidene) bisphosphonic acid monosodium salt		121268-17-5
<b>Alfuzosin</b>			
ACI 010800	<b>Alfuzosin Hydrochloride:</b> N-[3-[(4-Amino-6,7-dimethoxyquinazolin-2-yl)- methyl-amino]propyl] tetrahydrofuran- 2-carboxamide		81403-68-1
ACI 010801	<b>Alfuzosin Hydrochloride Imp. A (EP) as hydrochloride:</b> N-[3-[(4-amino-6,7-dimethoxyquinazolin-2- yl)methylamino] propyl]furan-2-carboxamide hydrochloride		98902-29-5
ACI 010802	<b>Alfuzosin Hydrochloride Imp. B (EP):</b> 2-Chloro-6,7-dimethoxyquinazolin-4-amine		23680-84-4
ACI 010803	<b>Alfuzosin Hydrochloride Imp. C (EP) as Hydrochloride:</b> (2RS)-N-[3-[(4-amino-6,7-dimethoxyquinazolin-2-yl)amino]propyl]-N-methyltetrahydrofuran-2-carboxamide hydrochloride		72104-34-8
ACI 010804	<b>Alfuzosin Hydrochloride Imp. D (EP) as dihydrochloride:</b> N-(4-Amino-6,7-dimethoxyquinazolin-2-yl)-N-methylpropane-1,3-diamine Dihydrochloride		NA
<b>Alimemazine</b>			
ACI 014501	<b>Alimemazine Hemitartrate Imp A (EP):</b> (2RS)-N,N,2-trimethyl -3-(5-oxido-10H-phenothiazin-10-yl) propan-1-amine		10071-07-5

Code	Product Name	Structure	CAS No.
ACI 014502	<b>Alimemazine Hemitartrate Imp B (EP):</b> (2RS)-N,2-dimethyl-3-(10H-phenothiazin-10-yl)propan-1-amine		108883-87-0
<b>Allopurinol</b>			
ACI 014800	<b>Allopurinol:</b> 1,5-Dihydro-4H-pyrazolo[3,4-d]pyrimidin-4-one		315-30-0
ACI 014801	<b>Allopurinol Imp. A (EP):</b> 5-Amino-1H-pyrazole-4-carboxamide		5334-31-6
ACI 014802	<b>Allopurinol Imp. B (EP):</b> 5-(formylamino)-1H-pyrazole-4-carboxamide		22407-20-1
ACI 014803	<b>Allopurinol Imp. C (EP):</b> 5-(4H-1,2,4-triazol-4-yl)-1H-pyrazole-4-carboxamide		136604-13-4
ACI 014804	<b>Allopurinol Imp. D (EP):</b> ethyl 5-amino-1H-pyrazole-4-carboxylate		6994-25-8
ACI 014805	<b>Allopurinol Imp. E (EP):</b> ethyl 5-(formylamino)-1H-pyrazole-4-carboxylate		31055-19-3

## Almotriptan

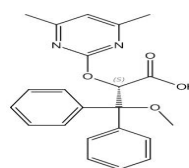
Code	Product Name	Structure	CAS No.
ACI 015213	<b>Almotriptan Impurity:</b> (1-[(3-[2-(dimethylamino)ethyl]indol-5-yl)methyl]sulfonyl]pyrrolidine N-oxide hydrochloride)	 • HCl	1391054-49-1
ACI 015214	<b>Almotriptan Impurity:</b> N-methyl-2-{5-[(pyrrolidin-1-ylsulfonyl)methyl]-1H-indol-3-yl}ethanamine		334981-35-0
<b>Alosetron</b>			
ACI 016111	<b>Alosetron impurity RRT 0.89:</b> 2,3,4,5-tetrahydro-5-methyl-2-[(4-methyl-1H-imidazol-5-yl)carbonyl]-1H-Pyrido[4,3-b]indol-1-one		1011293-30-3
<b>Alpha</b>			
ACI 091211	<b>Alpha ionone Impurity:</b> (3Z)-4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one		52340-45-1
ACI 091212	<b>Alpha ionone Impurity:</b> 4-(2,2-dimethyl-6-methylenecyclohexyl)-3-Buten-2-one		79-76-5
<b>Alprazolam</b>			
ACI 016003	<b>Alprazolam Imp. C (EP):</b> [5-chloro-2-[3-methyl-4H-1,2,4-triazol-4-yl]phenyl]phenylmethanone		36916-19-5
ACI 016007	<b>Alprazolam Imp. G (EP):</b> 7-Chloro-1-methyl-5-phenyl[1,2,4]triazolo[4,3-a]quinolin-4-amine		448950-89-8



Code	Product Name	Structure	CAS No.
<b>Alverine</b>			
ACI 010500	<b>Alverine Citrate:</b> N-Ethyl-N-(3-phenylpropyl)benzenepropanamine 2-Hydroxy-1,2,3-propanetricarboxylate		5560-59-8
ACI 010501	<b>Alverine Citrate Imp. A (EP):</b> 1-Chloro-3-phenylpropane		552-94-3
ACI 010502	<b>Alverine Citrate Imp. B (EP):</b> 3-Phenylpropan-1-ol		122-97-4
ACI 010503	<b>Alverine Citrate Imp. C (EP) as Hydrochloride:</b> N-Ethyl-3-phenylpropan-1-amine Hydrochloride		13125-63-8
ACI 010504	<b>Alverine Citrate Imp. D (EP) as hydrochloride:</b> N-(3-Cyclohexylpropyl)-N-ethyl-3-phenylpropan-1-amine Hydrochloride		n/a
ACI 010505	<b>Alverine Citrate Imp. E (EP) as hydrochloride:</b> 3-Phenyl-N,N-bis(3-phenylpropyl)propan-1-amine Hydrochloride		878784-75-9

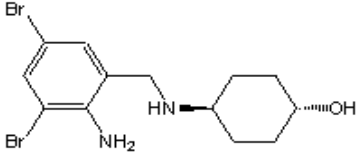
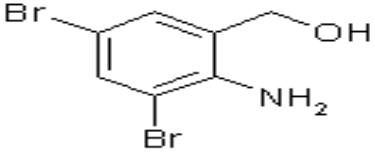
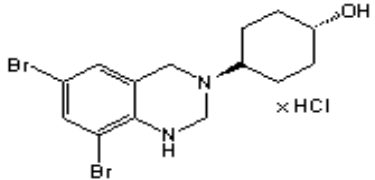
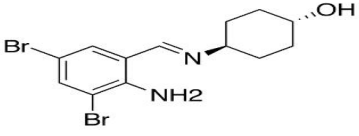
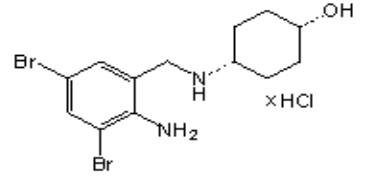
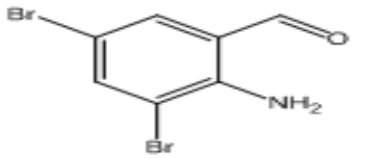
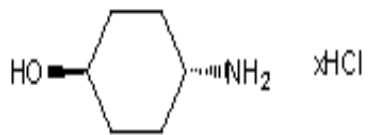
**Ambrisentan**

ACI 015600 **Ambrisentan:** (S)-2-((4,6-dimethylpyrimidin-2-yl)oxy)-3-methoxy-3,3-diphenylpropanoic acid



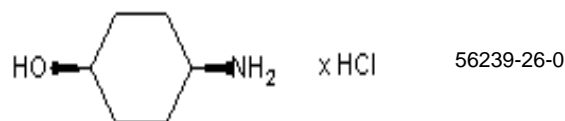
177036-94-1

**Ambroxol**

Code	Product Name	Structure	CAS No.
ACI 010600	<b>Ambroxol Hydrochloride:</b> 2-Amino-3,5-dibromo-N-(trans-4-hydroxycyclohexyl)benzylamine		23828-92-4
ACI 010601	<b>Ambroxol Hydrochloride Imp. A (EP):</b> (2-Amino-3,5-dibromophenyl)methanol		50739-76-9
ACI 010602	<b>Ambroxol Hydrochloride Imp. B (EP) as Hydrochloride:</b> trans-4-(6,8-dibromo-1,4-dihydroquinazolin-3(2H)-yl)cyclohexanol hydrochloride		15942-08-2
ACI 010603	<b>Ambroxol Hydrochloride Imp. C (EP):</b> trans-4-[[E)-2-amino-3,5-dibromobenzyliden]amino]cyclohexanol		50910-53-7
ACI 010604	<b>Ambroxol Hydrochloride Imp. D (EP) as hydrochloride:</b> cis-4-[(2-amino-3,5-dibromobenzyl)amino]cyclohexanol hydrochloride		1384955-66-1
ACI 010605	<b>Ambroxol Hydrochloride Imp. E (EP):</b> 2-Amino-3,5-dibromobenzaldehyde		50910-55-9
ACI 010606	<b>Ambroxol Hydrochloride Impurity:</b> trans-4-Aminocyclohexanol Hydrochloride		50910-54-8

Code	Product Name	Structure	CAS No.
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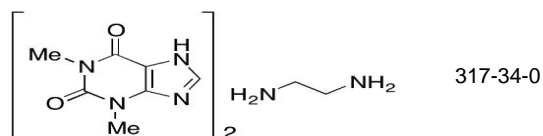
ACI 010607 **Ambroxol Hydrochloride Impurity as hydrochloride:**  
cis-4-Aminocyclohexanol Hydrochloride



56239-26-0

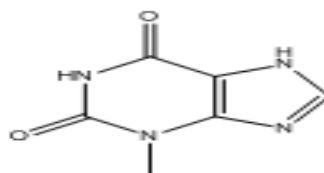
## Aminophylline

ACI 013500 **Aminophylline:** 1,2-Ethanediamine, compd. with 3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione (1:2)



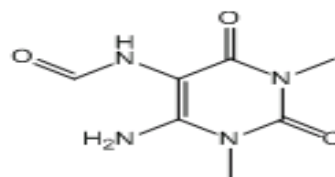
317-34-0

ACI 013502 **Aminophylline Imp. B (BP):** 3-methyl-1H-purine-2,6 (3H,7H)-dione



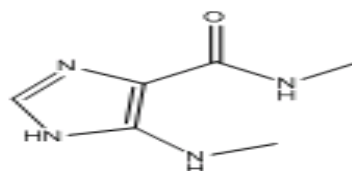
1076-22-8

ACI 013503 **Aminophylline Imp. C (BP):** N-(6-amino-1,3-dimethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)formamide



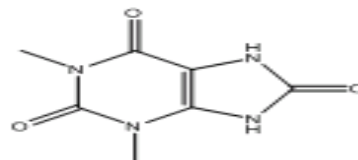
7597-60-6

ACI 013504 **Aminophylline Imp. D (BP):** N-methyl-5-(methylamino)-1H-imidazole-4-carboxamide



6736-40-9

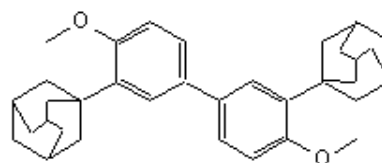
ACI 013505 **Aminophylline Imp. E (BP):** 1,3-Dimethyl-1H-purine-2,6,8 (3H,7H,9H)-trione



944-73-0

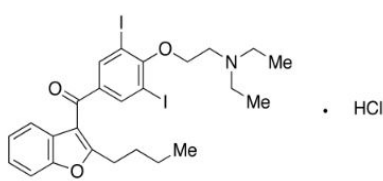
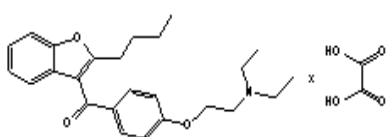
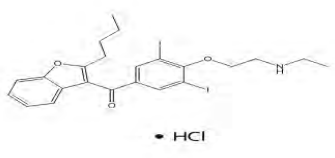
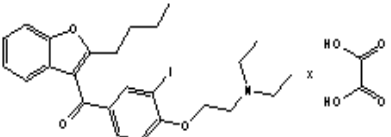
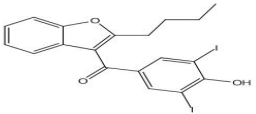
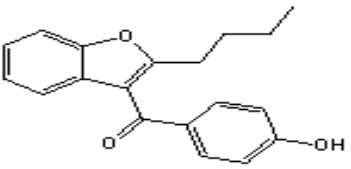
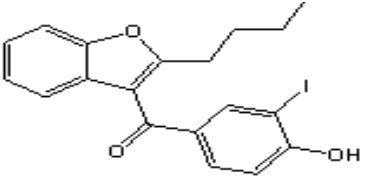
## Amiodarone

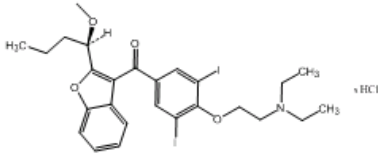
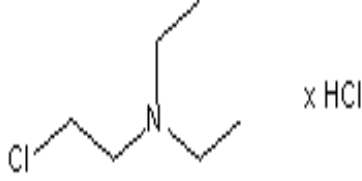
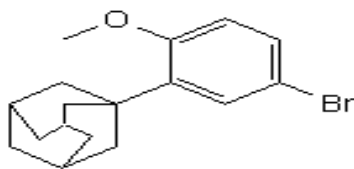
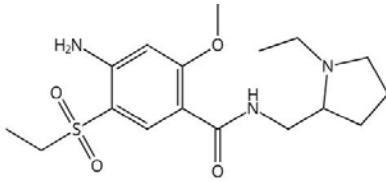
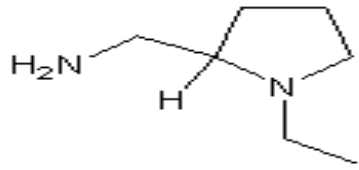
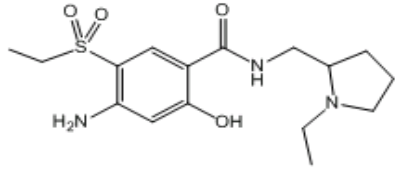
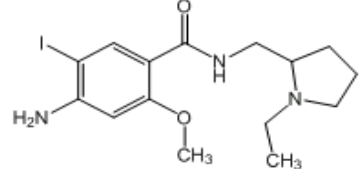
ACI 011904 **Amiodarone Hydrochloride:** 1,1'-[4,4'-Bis(methoxy)-biphenyl-3,3'-diyl]bis(tricyclo[3.3.1.1(3,7)]decane)

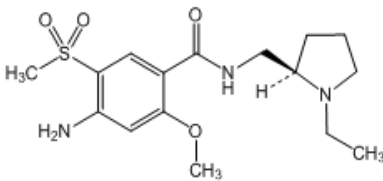
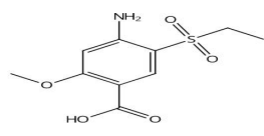
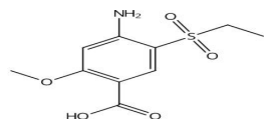


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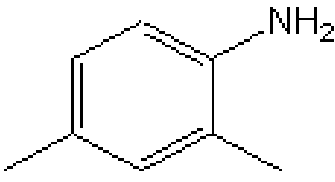
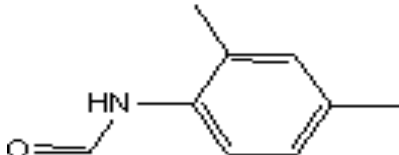


Code	Product Name	Structure	CAS No.
ACI 010900	<b>Amiodarone Hydrochloride:</b> (2-Butyl-3-benzofuranyl)[4-(2-(diethylamino)ethoxy)-3,5-diiodophenyl]methanone Hydrochloride		19774-82-4
ACI 010901	<b>Amiodarone Hydrochloride Imp. A (EP) as Oxalate:</b> (2-Butylbenzofuran-3-yl)[4-[2-(diethylamino)ethoxy]phenyl]methanone oxalate		n/a
ACI 010902	<b>Amiodarone Hydrochloride Imp. B (EP) as Hydrochloride:</b> (2-Butylbenzofuran-3-yl)[4-[2-(ethylamino)ethoxy]-3,5-diiodophenyl]methanone hydrochloride		96027-74-6
ACI 010903	<b>Amiodarone Hydrochloride Imp. C (EP) as Oxalate:</b> (2-Butylbenzofuran-3-yl)[4-[2-(diethylamino)ethoxy]-3-iodophenyl]methanone oxalate		n/a
ACI 010904	<b>Amiodarone Hydrochloride Imp. D (EP):</b> (2-butylbenzofuran-3-yl)(4-hydroxy-3,5-diiodophenyl)methanone		1951-26-4
ACI 010905	<b>Amiodarone Hydrochloride Imp. E (EP):</b> (2-Butylbenzofuran-3-yl)(4-hydroxyphenyl)methanone		52490-15-0
ACI 010906	<b>Amiodarone Hydrochloride Imp. F (EP):</b> (2-Butylbenzofuran-3-yl)(4-hydroxy-3-iodophenyl)methanone		147030-50-0

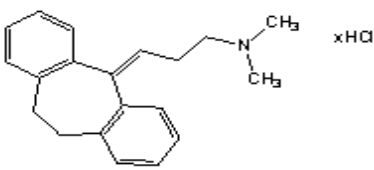
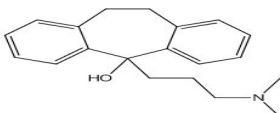
Code	Product Name	Structure	CAS No.
ACI 010907	<b>Amiodarone Hydrochloride Imp. G (EP) as hydrochloride:</b> [4-[2-(diethylamino)ethoxy]-3,5-diiodophenyl][2-[(1RS)-1-methoxybutyl]benzofuran-3-yl]methanone hydrochloride		n/a
ACI 010908	<b>Amiodarone Hydrochloride Imp. H (EP) as Hydrochloride:</b> 2-Chloro-N,N-diethylethanamine hydrochloride		869-24-9
<b>Amisulpride</b>			
ACI 011911	<b>Amisulpride:</b> 1-(5-Bromo-2-methoxyphenyl)tricyclo[3.3.1.1 <sup>3,7</sup> ]decane		104224-63-7
ACI 012700	<b>Amisulpride:</b> 4-Amino-N-[(1-ethylpyrrolidin-2-yl)methyl]-5-(ethylsulfonyl)-2-methoxybenzamide		71675-85-9
ACI 012701	<b>Amisulpride Imp. A (EP):</b> [(2RS)-1-ethylpyrrolidin-2-yl]methanamine		26116-12-1
ACI 012702	<b>Amisulpride Imp. B (EP):</b> 4-Amino-N-[(2RS)-1-ethylpyrrolidin-2-yl]methyl]-5-(ethylsulphonyl)-2-hydroxybenzamide		148516-54-5
ACI 012703	<b>Amisulpride Imp. C (EP):</b> 4-Amino-N-[(2RS)-1-ethylpyrrolidin-2-yl]methyl]-5-iodo-2-methoxy-benzamide		176849-91-5

Code	Product Name	Structure	CAS No.
ACI 012704	<b>Amisulpride Imp. D (EP):</b> 4-Amino-N-[[[(2RS)-1-ethyl-pyrrolidin-2-yl]methyl]-2-methoxy-5-(methylsulphonyl)benzamide		71676-00-1
ACI 012705	<b>Amisulpride Imp. E (EP):</b> 4-amino-5-(ethylsulfonyl)-2-methoxybenzoic acid : 4-amino-5-(ethylsulfonyl)-2-methoxybenzoic acid		71675-87-1
ACI-012705	<b>Amisulpride Imp.E(EP):</b> 4-amino-5-(ethylsulfonyl)-2-methoxybenzoic acid		71675-87-1

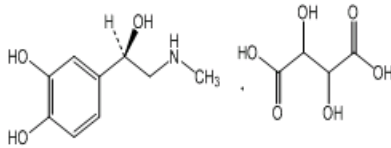
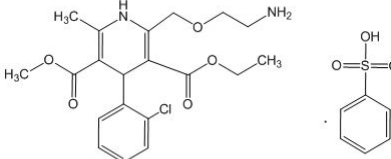
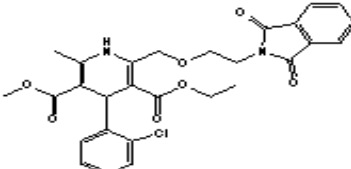
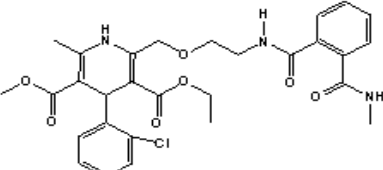
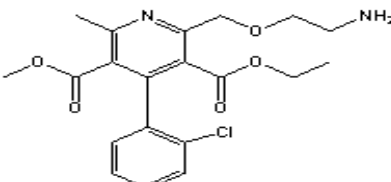
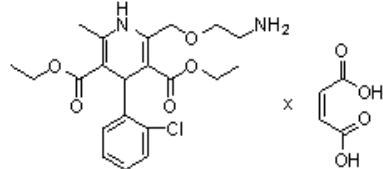
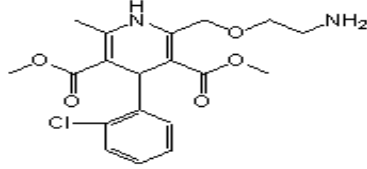
## Amitraz

ACI 014901	<b>Amitraz Impurity:</b> 2,4-Dimethylaniline		95-68-1
ACI 014902	<b>Amitraz Impurity:</b> 2,4-Xylidide		60397-77-5

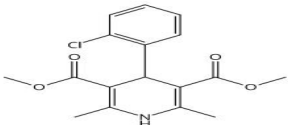
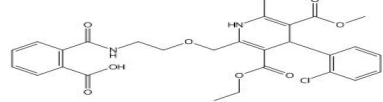
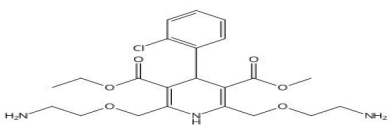
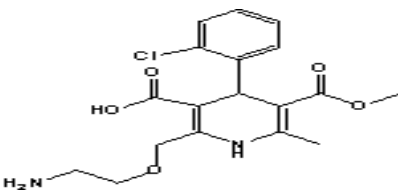
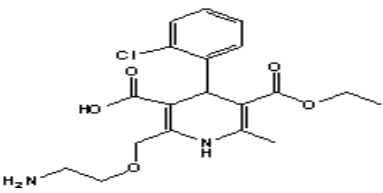
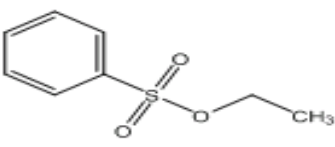
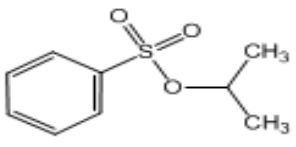
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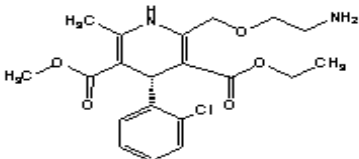
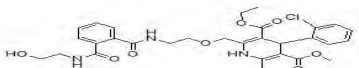
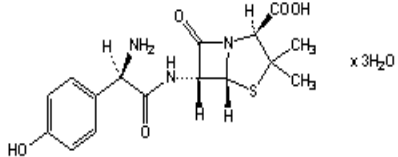
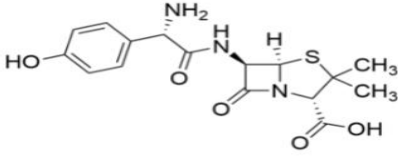
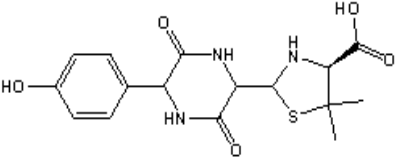
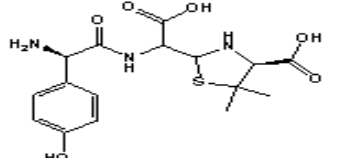
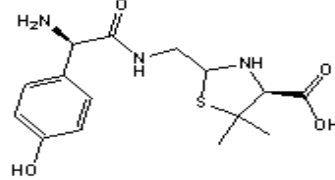
ACI 015000	<b>Amitriptyline:</b> 3-(10,11-Dihydro-5H-dibenzo[a,d][7]annulen-5-ylidene)-N,N-dimethylpropan-1-amine hydrochloride		549-18-8
ACI-015004	<b>Amitriptyline hydrochloride imp. D (EP)</b> 5-[3-(Dimethylamino)propyl]-10,11-dihydro-5H-dibenzo[a,d]-cyclohepten-5-ol: 5-[3-(dimethylamino)propyl]-10,11-dihydro-5H-dibenzo[a,d]-cyclohepten-5-ol		1159-03-1

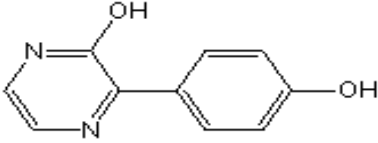
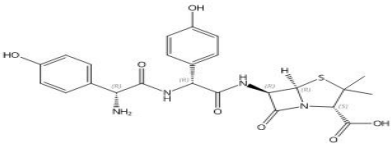
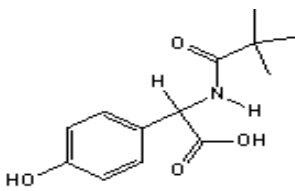
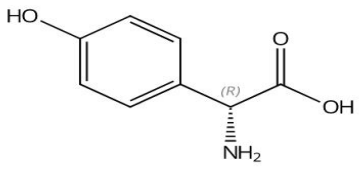
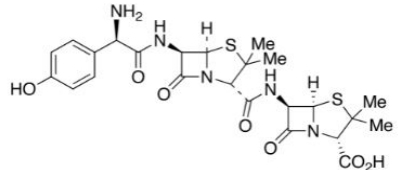
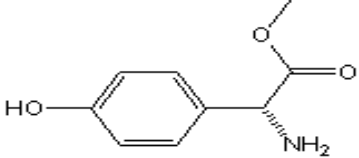
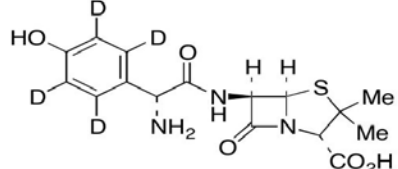
## Amlodipine

Code	Product Name	Structure	CAS No.
ACI 014200	<b>Amlodipine Besilate:</b> (1R)-1-(3,4-Dihydroxyphenyl)-2-(methylamino)ethanol hydrogen (2R,3R)-2,3-dihydroxybutanedioate		51-42-3
ACI 011000	<b>Amlodipine Besilate:</b> 3-Ethyl 5-Methyl (4RS)-2-(2-Aminoethoxy)methyl-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate benzenesulfonate		111470-99-6
ACI 011001	<b>Amlodipine Besilate Imp. A (EP):</b> 3-Ethyl 5-methyl (4RS)-4-(2-chlorophenyl)-2-[[2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)ethoxy]methyl]-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate		88150-62-3
ACI 011002	<b>Amlodipine Besilate Imp. B (EP):</b> 3-Ethyl 5-Methyl (4RS)-4-(2-Chlorophenyl)-6-methyl-2-[[2-[(2-(methylcarbamoyl)benzoyl)amino]-ethoxy]methyl]-1,4-dihydropyridine-3,5-dicarboxylate		721958-72-1
ACI 011004	<b>Amlodipine Besilate Imp. D (EP):</b> 3-Ethyl-5-Methyl 2-[(2-Aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methylpyridine-3,5-dicarboxylate		113994-41-5
ACI 011005	<b>Amlodipine Besilate Imp. E (EP) as maleate:</b> Diethyl (4RS)-2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate maleate		400024-12-6
ACI 011006	<b>Amlodipine Besilate Imp. F (EP):</b> Dimethyl (4RS)-2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate		140171-66-0

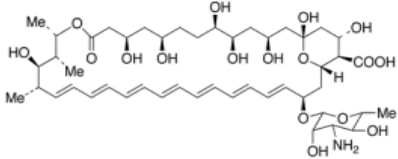
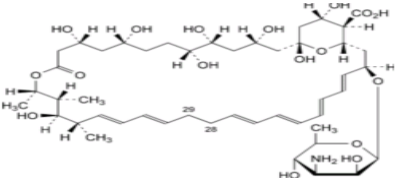
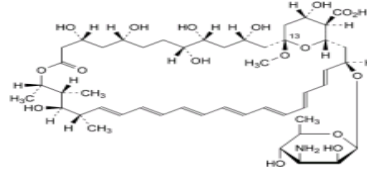
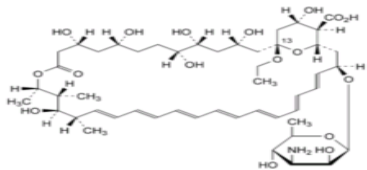
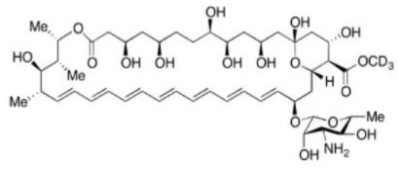
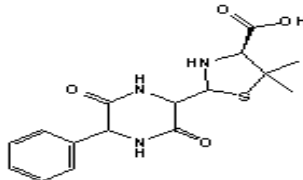
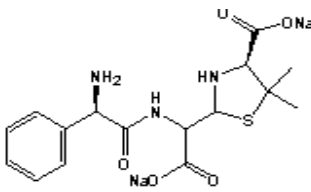


Code	Product Name	Structure	CAS No.
ACI 011007	<b>Amlodipine Besilate Imp. G (EP):</b> Dimethyl 4-(2-chlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate		43067-01-2
ACI 011008	<b>Amlodipine Besilate Imp. H (EP):</b> 2-[[2-[[[(4RS)-4-(2-Chlorophenyl)-3-(ethoxycarbonyl)-5-(methoxycarbonyl)-6-methyl-1,4-dihydropyridin-2-yl]methoxy]ethyl]carbamoyl]benzoic acid		318465-73-5
ACI 011011	<b>Amlodipine Besilate Impurity:</b> Ethyl Methyl (4RS)-2,6-Bis [(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-1,4-dihydropyridine-3,5-dicarboxylate		721958-74-3
ACI 011012	<b>Amlodipine Besilate Impurity:</b> 3,5-Pyridinedicarboxylic acid, 2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-,5-methyl ester		1809326-44-0
ACI 011013	<b>Amlodipine Besilate Impurity:</b> 3,5-Pyridinedicarboxylic acid, 2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-,3-ethyl ester		113994-37-9
ACI 011015	<b>Amlodipine Besilate Impurity:</b> Benzene sulfonic acid ethyl ester		515-46-8
ACI 011016	<b>Amlodipine Besilate Impurity:</b> Benzenesulfonic Acid Isopropyl Ester		6214-18-2

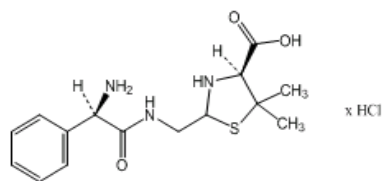
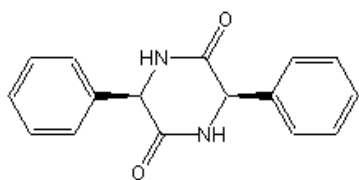
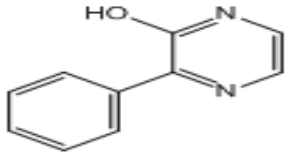
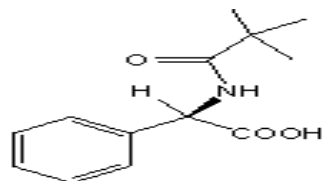
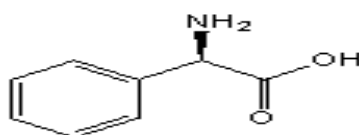
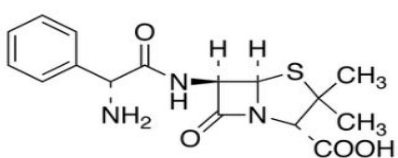
Code	Product Name	Structure	CAS No.
ACI 011017	<b>Amlodipine Besilate Impurity:</b> 3-Ethyl 5-Methyl (4R)-2-(2-Aminoethoxy)methyl-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate (R- Amlodipine)		103129-81-3
ACI 011019	<b>Amlodipine Besilate Impurity (Hydroxyethyl phthalyl amlodipine):</b> 3-ethyl 5-methyl 4-(2-chlorophenyl)-2-((2-(2-(2-hydroxyethyl)carbamoyl)benzamido)ethoxy)methyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate		NA
<b>Amoxicillin</b>			
ACI 013900	<b>Amoxicillin trihydrate:</b> (2S,5R,6R)-6-[[[(2R)-2-Amino-2-(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate		61336-70-7
ACI 013902	<b>Amoxicillin trihydrate Imp. B(EP) :</b> (2S,5R,6R)-6-[[[(2S)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (L-amoxicillin)		26889-93-0
ACI 013903	<b>Amoxicillin trihydrate Imp. C (EP):</b> (4S)-2-[5-(4-hydroxyphenyl)-3,6-dioxopiperazin-2-yl]-5,5-dimethylthiazolidine-4-carboxylic acid		210289-70-6
ACI 013904	<b>Amoxicillin trihydrate Imp. D (EP):</b> (4S)-2-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]carboxymethyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penicilloic acids of amoxicillin),		68728-47-2
ACI 013905	<b>Amoxicillin trihydrate Imp. E (EP):</b> (2RS,4S)-2-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penicilloic acids of amoxicillin),		1356020-01-3

Code	Product Name	Structure	CAS No.
ACI 013906	<b>Amoxicillin trihydrate Imp. F (EP):</b> 3-(4-hydroxyphenyl)pyrazin-2-ol		126247-63-0
ACI 013907	<b>Amoxicillin trihydrate Imp. G (EP):</b> (2S,5R,6R)-6-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-2-(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid		188112-75-6
ACI 013908	<b>Amoxicillin trihydrate Imp. H (EP):</b> (2R)-2-[(2,2-dimethylpropanoyl)amino]-2-(4-hydroxyphenyl)acetic acid		205826-86-4
ACI 013909	<b>Amoxicillin Trihydrate Imp. I (EP):</b> (2R)-2-amino-2-(4-hydroxyphenyl)acetic acid		22818-40-2
ACI 013912	<b>Amoxicillin trihydrate Imp. L (EP):</b> (2S,5R,6R)-6-[[[(2S,5R,6R)-6-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid		1789703-32-7
ACI 013921	<b>Amoxicillin trihydrate Impurity:</b> P-Hydroxy Phenyl Gly Methyl Ester		37763-23-8
<b>Amoxicillin-D4</b>			
ACI 013930	<b>Amoxicillin-D4 (Major):</b> (2S,5R,6R)-6-[[[(2R)-2-Amino-2-(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid-d4		26787-78-0 (unlabelled)

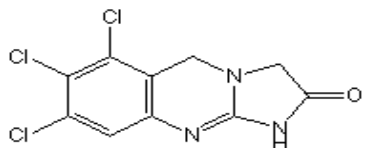
## Amphotericin

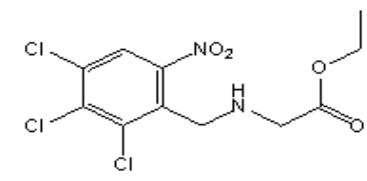
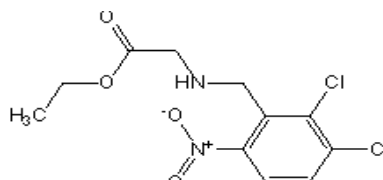
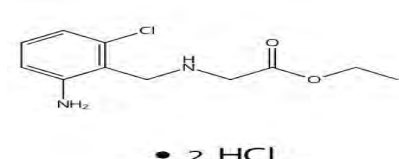
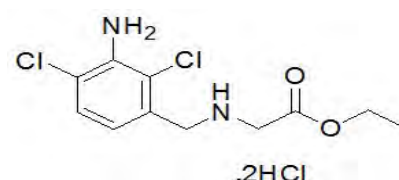
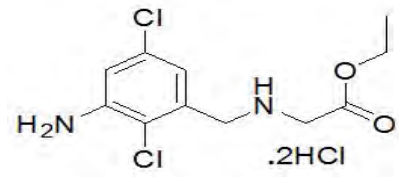

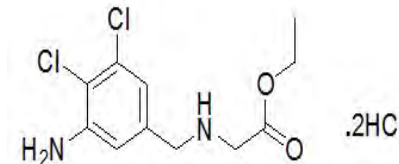
Code	Product Name	Structure	CAS No.
ACI 013400	<b>Amphotericin B:</b> Abelcet; Fungilin		1397-89-3
ACI 013401	<b>Amphotericin B Imp. A (EP):</b> Amphotericin A (28,29-dihydro-amphotericin B)		1405-32-9
ACI 013402	<b>Amphotericin B Imp. B (EP):</b> Amphotericin X1 (13- O-methyl-amphotericin B)		136135-57-4
ACI 013403	<b>Amphotericin B Imp C (EP):</b> 13- O-ethyl-amphotericin B		NA
ACI 013430	<b>Amphotericin B Methyl Ester-d3:</b> Amphotericin B Methyl Ester-d3		NA
<b>Ampicillin</b>			
ACI 014703	<b>Ampicillin Sodium Imp. C (EP):</b> (4S)-2-(3,6-Dioxo-5-phenylpiperazin-2-yl)-5,5-dimethylthiazolidine-4-carboxylic Acid		49841-96-5
ACI 014704	<b>Ampicillin Sodium Imp. D (EP) as disodium salt:</b> (4S)-2-[[[(2R)-2-amino-2-phenylacetyl]amino]carboxymethyl]-5,5-dimethylthiazolidine-4-carboxylic acid Sodium salt		n/a



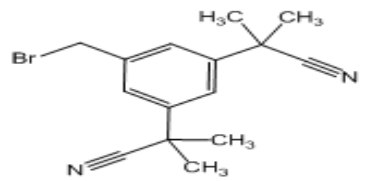
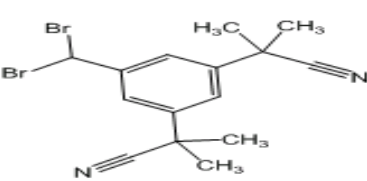
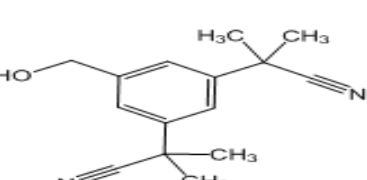
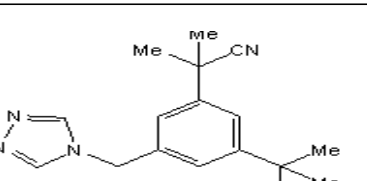
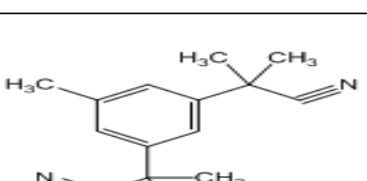
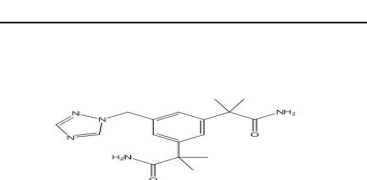
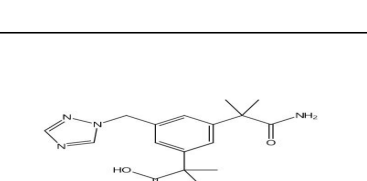
Code	Product Name	Structure	CAS No.
ACI 014706	<b>Ampicillin Sodium Imp. F (EP) as hydrochloride:</b> (2R,4S)-2-[[[(2R)-2-amino-2-phenylacetyl]amino] methyl]-5,5-dimethylthiazolidine-4-carboxylic acid hydrochloride		n/a
ACI 014707	<b>Ampicillin Sodium Imp. G (EP):</b> (3R,6R)-3,6-diphenyl piperazine-2,5-dione		31485-02-6
ACI 014708	<b>Ampicillin Sodium Imp. H (EP):</b> 3-phenylpyrazin-2-ol		2882-18-0
ACI 014711	<b>Ampicillin Sodium Imp. K (EP):</b> (2R)-2-(2,2-Dimethylpropanoyl)amino]-2-(phenyl)acetic acid		40610-41-1
ACI 014712	<b>Ampicillin Sodium Imp. L (EP):</b> (2R)-2-Amino-2-phenylacetic acid (d-phenylglycine)		875-74-1
ACI 017100	<b>Ampicillin :</b> (2S,5R,6R)-6-[[[(2R)-2-Amino-2-phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid		69-53-4

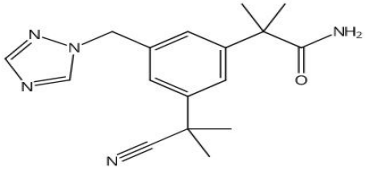
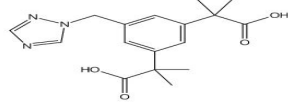
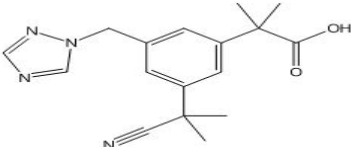
## Anagrelide

ACI 013013	<b>Anagrelide impurity:</b> 6,7,8-trichloro-3,5-dihydroimidazol [2,1-b]quinazolin-2(1H)-one		1092352-99-2
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Code	Product Name	Structure	CAS No.
ACI 013014	<b>Anagrelide impurity:</b> Ethyl 2-(2,3,4-trichloro-6-nitrobenzylamino)acetate		NA
ACI 013015	<b>Anagrelide impurity:</b> Ethyl N-(2,3-dichloro-6-nitrobenzyl)glycine		70380-50-6
ACI 013017	<b>Anagrelide impurity as dihydrochloride:</b> Ethyl (2-amino-6-chlorobenzyl)glycinate dihydrochloride	 <p style="text-align: center;">• 2 HCl</p>	50608-48-5
ACI 013018	<b>Anagrelide impurity:</b> ethyl 2-(3-amino-2,4-dichlorobenzylamino)acetate	 <p style="text-align: center;">.2HCl</p>	NA
ACI 013019	<b>Anagrelide impurity:</b> Ethyl (3-amino-2,5-dichlorobenzyl)glycinate	 <p style="text-align: center;">.2HCl</p>	NA
ACI 013020	<b>Anagrelide impurity as HCl salt:</b> Ethyl (2-amino-3,5-dichlorobenzyl)glycinate hydrochloride (Anagrelide KSM related impurity)	 <p style="text-align: center;">.HCl</p>	NA
ACI 013021	<b>Anagrelide impurity as dihydrochloride:</b> ethyl 2-(3-amino-4,5-dichlorobenzylamino)acetate dihydrochloride	 <p style="text-align: center;">.2HCl</p>	NA

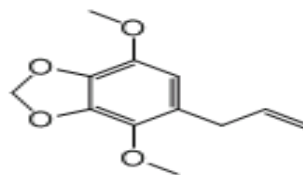
## Anastrozole

Code	Product Name	Structure	CAS No.
ACI 014603	<b>Anastrozole Imp. C (EP):</b> 2,2'-[5-(bromomethyl)benzene-1,3-diyl]bis(2-methylpropanenitrile),		120511-84-4
ACI 014604	<b>Anastrozole Imp. D (EP):</b> 2,2'-[5-(dibromomethyl)benzene-1,3-diyl]bis(2-methylpropanenitrile)		1027160-12-8
ACI 014605	<b>Anastrozole Imp. E (EP):</b> 2,2'-[5-(hydroxymethyl)benzene-1,3-diyl]bis(2-methylpropanenitrile)		120511-88-8
ACI 014607	<b>Anastrozole Imp. G (EP):</b> 2,2'-[5-(4H-1,2,4-triazol-4-ylmethyl)benzene-1,3-diyl]bis(2-methylpropanenitrile)		120511-92-4
ACI 014608	<b>Anastrozole Imp. H (EP):</b> 2,2'-[5-(5-methylbenzene-1,3-diyl)bis(2-methylpropanenitrile)		120511-72-0
ACI 014621	<b>Anastrozole diamide:</b> 2,2'-5-(1H-1,2,4-Triazol-1-yl)methyl-1,3-phenylenebis(2-methylpropanamide)		120512-04-1
ACI 014622	<b>Anastrozole monoacid monoamide:</b> 2-3-[(1H-1,2,4-Triazol-1-yl)methyl]-5-(1-amino-2-methyl-1-oxopropan-2-yl)phenyl-2-methylpropanoic acid		2469244-33-3

Code	Product Name	Structure	CAS No.
ACI 014623	<b>Anastrozole Impurity:</b> 3-(1-Cyano-1-methylethyl)-a,a-dimethyl-5-(1H-1,2,4-triazol-1-ylmethyl)benzeneacetamide (Anastrozole monoamide mononitrile impurity)		120512-03-0
ACI 014624	<b>Anastrozole diacid:</b> 2,2'-(5-((1H-1,2,4-triazol-1-yl)methyl)-1,3-phenylene)bis(2-methylpropanoic acid)		1338800-81-9
ACI 014625	<b>Anastrozole Impurity:</b> 3-(1-cyano-1-methylethyl)-a,a-dimethyl-5-(1H-1,2,4-triazol-1-ylmethyl)-Benzeneacetic acid		1338800-82-0

## Anethum

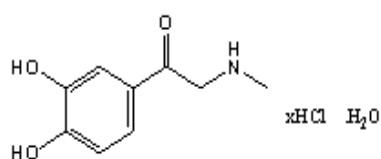
ACI 011711 **Anethum graveolens:** Apiol



523-80-8

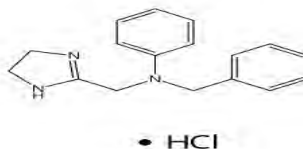
## Antazoline

ACI 014203 **Antazoline hydrochloride:** (1R)-1-(3,4-Dihydroxyphenyl)-2-(methylamino) ethanol hydrogen (2R,3R)-2,3-dihydroxybutanedioate hydrochloride monohydrate



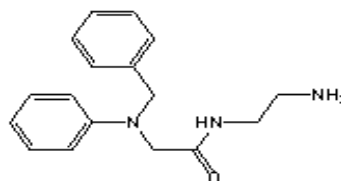
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ACI 012600 **Antazoline hydrochloride:** 2-(N-Benzylanilinomethyl)-2-imidazoline hydrochloride



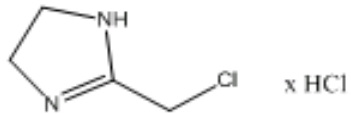
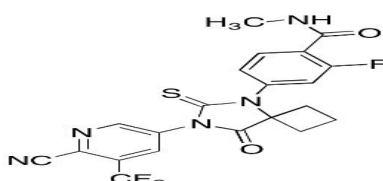
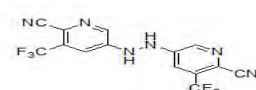
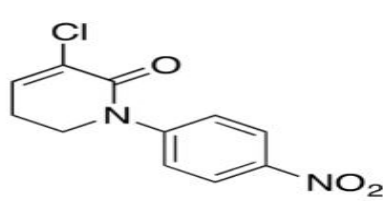
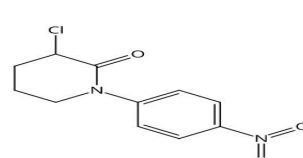
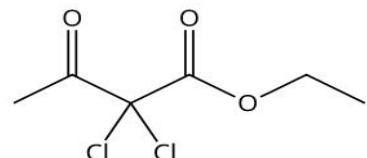
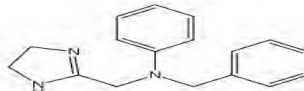
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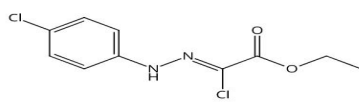
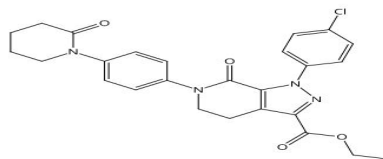
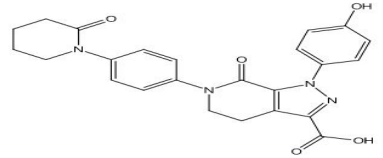
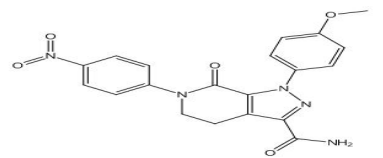
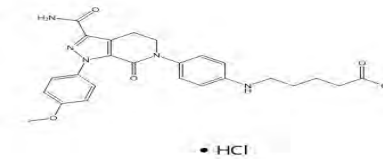
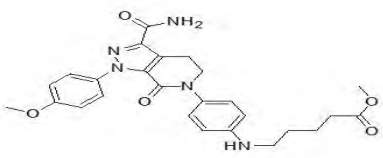
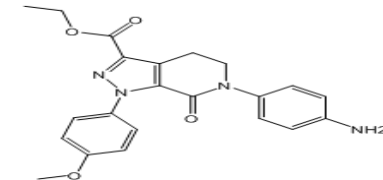
ACI 012601 **Antazoline hydrochloride Imp A:** N-(2-aminoethyl)-2-(benzylphenylamino)acetamide

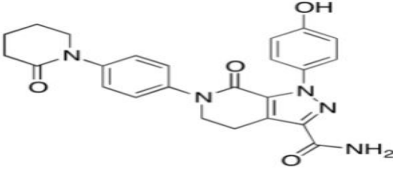
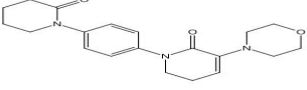
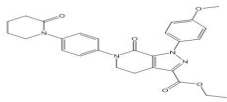
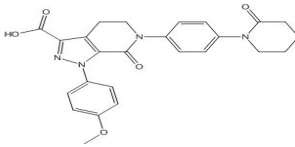
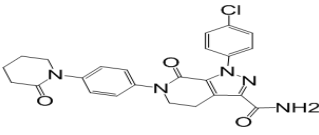
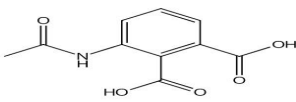
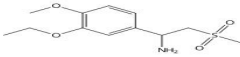


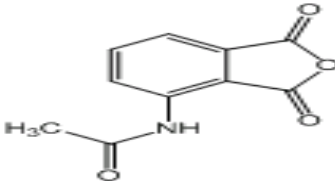
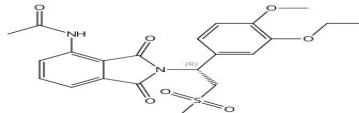
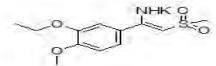
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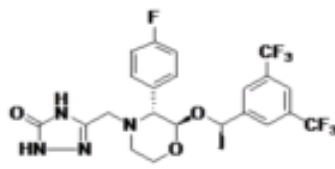
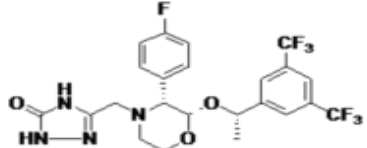
Code	Product Name	Structure	CAS No.
ACI 012602	<b>Antazoline hydrochloride Imp B as hydrochloride:</b> 2-(Chloromethyl)-4,5-dihydro-1H-imidazole Hydrochloride		13338-49-3
<b>Apalutamide</b>			
ACI 017700	<b>Apalutamide:</b> 4-[7-[6-Cyano-5-(trifluoromethyl)pyridin-3-yl]-8-oxo-6-thioxo-5,7-diazaspiro[3.4]octan-5-yl]-2-fluoro-N-methylbenzamide		956104-40-8
ACI 017713	<b>Apalutamide Impurity:</b> 5,5'-(hydrazine-1,2-diyl)bis(3-(trifluoromethyl)picolinonitrile)		NA
<b>Apixaban</b>			
ACI 017019	<b>Apixaban impurity :</b> 3-Chloro-5,6-dihydro-1-(4-nitrophenyl)-2(1H)-pyridinone		536760-29-9
ACI 017020	<b>Apixaban impurity:</b> 3-chloro-1-(4-nitrophenyl)-2-Piperidinone		2512213-45-3
ACI 017021	<b>Apixaban impurity:</b> Ethyl 2,2-Dichloro-3-oxobutanoate (E-2,2DCAA)		6134-66-3
ACI 017022	<b>Apixaban impurity:</b> Ethyl 2-chloro-2-[2-(2-methoxyphenyl)hydrazin-1-ylidene]acetate	 <p style="text-align: center;">• HCl</p>	85014-68-2

Code	Product Name	Structure	CAS No.
ACI 017023	<b>Apixaban impurity:</b> Ethyl 2-chloro-2-(2-(4-chlorophenyl)hydrazono)acetate		27143-09-5
ACI 017024	<b>Apixaban impurity:</b> ethyl 1-(4-chlorophenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate (P-Chloro Impurity)		2029205-62-5
ACI 017025	<b>Apixaban impurity:</b> 4,5,6,7-tetrahydro-1-(4-hydroxyphenyl)-7-oxo-6-[4-(2-oxo-1-piperidiny)phenyl]-1H-Pyrazolo[3,4-c]pyridine-3-carboxylic acid		2459302-74-8
ACI 017027	<b>Apixaban impurity:</b> 1-(4-Methoxyphenyl)-6-(4-nitrophenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide		1642569-42-3
ACI 017028	<b>Apixaban impurity:</b> 5-[[4-[3-(Aminocarbonyl)-1,4,5,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl]amino]pentanoic Acid hydrochloride	 • HCl	2241139-69-3
ACI 017029	<b>Apixaban impurity:</b> 5-[[4-[3-(Aminocarbonyl)-1,4,5,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl]amino]pentanoic Acid methylester		NA
ACI 017030	<b>Apixaban Impurity :</b> ethyl6-(4-aminophenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo3,4-cpyridine-3-carboxylate		503615-07-4

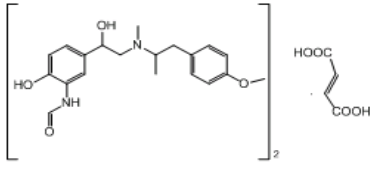
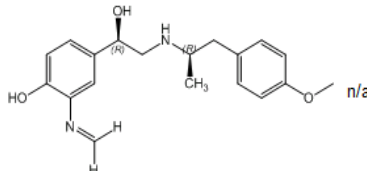
Code	Product Name	Structure	CAS No.
ACI 017031	<b>Apixaban impurity:</b> 4,5,6,7-Tetrahydro-1-(4-hydroxyphenyl)-7-oxo-6-[4-(2-oxo-1-piperidiny)phenyl]-1H-pyrazolo[3,4-c]pyridine-3-carboxamide		503612-76-8
ACI 017035	<b>Apixaban impurity:</b> 3-Morpholino-1-(4-(2-oxopiperidin-1-yl)phenyl)-5,6-dihydropyridin-2(1H)-one		545445-44-1
ACI 017036	<b>Apixaban impurity:</b> 1-(4-Methoxyphenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic Acid Ethyl Ester		503614-91-3
ACI 017037	<b>Apixaban Carboxylic Acid Impurity:</b> 1-(4-Methoxyphenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic Acid		503614-92-4
ACI 017038	<b>Apixaban Chloro impurity :</b> 1-(4-Chlorophenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5 -dihydropyrazolo[3,4-c]pyridine-3-carboxamide		2029205-64-7
<b>Apremilast</b>			
ACI 015902	<b>Apremilast Impurity:</b> 3-Acetamidophthalic Acid		15371-06-9
ACI 015908	<b>Apremilast Impurity:</b> 1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl) ethanamine		253168-94-4

Code	Product Name	Structure	CAS No.
ACI 015911	<b>Apremilast Impurity:</b> 3-Acetylaminophthalic Anhydride		6296-53-3
ACI 015913	<b>Apremilast R-Isomer:</b> (R)-N-(2-(1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl)-1,3-dioxoisindolin-4-yl)acetamide		608141-44-2
ACI 015914	<b>Apremilast Inamine Impurity:</b> Potassium(E)-1-(3-Ethoxy-4-Methoxyphenyl)-2-(Methylsulfonyl)Ethen-1-Amine		2055369-75-8

## Aprepitant

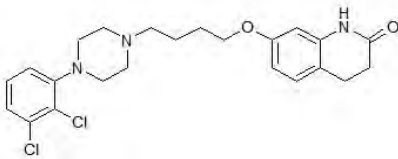
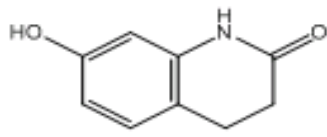
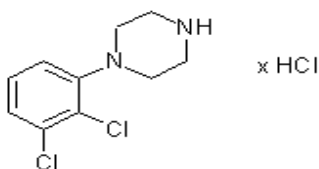
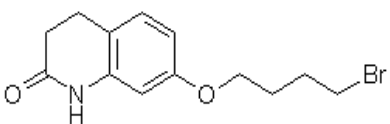
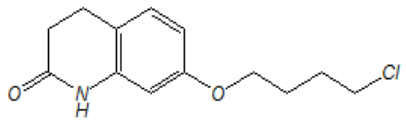
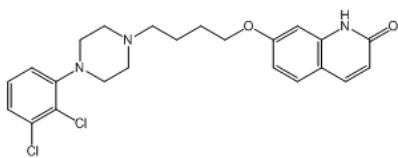
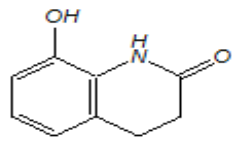
ACI 011611	<b>Aprepitant Impurity:</b> Diastereomer		1148113-53-4
ACI 011612	<b>Aprepitant Impurity:</b> isomer		172822-29-6

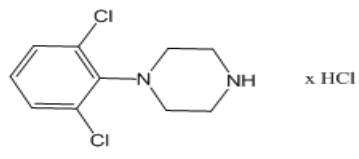
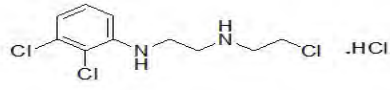
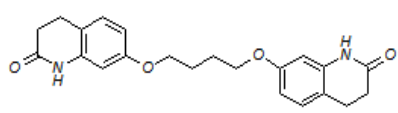
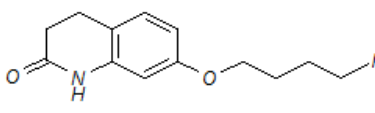
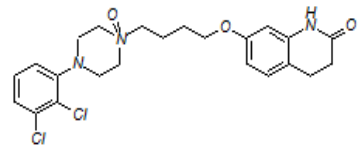
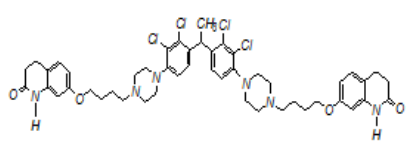
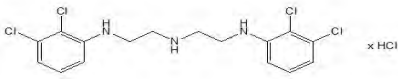
## Arformoterol

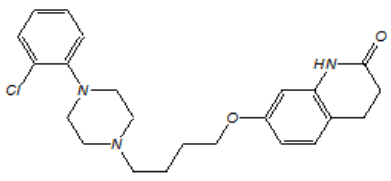
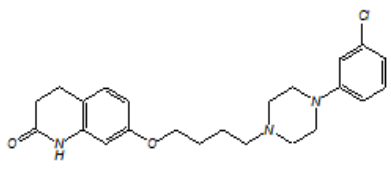
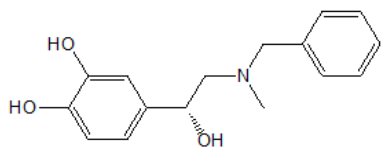
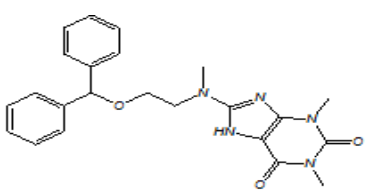
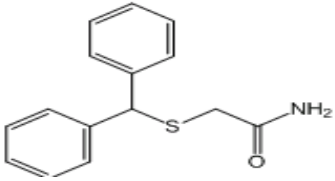
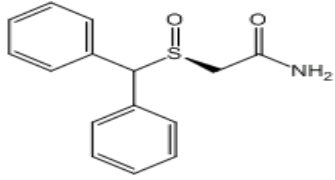
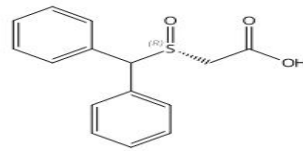
ACI 016504	<b>Arformoterol Tartrate Impurity as Fumarate salt (2: 1):</b> N-[2-Hydroxy-5-[1-hydroxy-2-[methyl[[2-(4-methoxyphenyl)-1-methylethyl]amino] ethyl]phenyl]formamide Fumarate (2:1) (Formoterol Fumarate Imp.D (EP) as Fumarate salt)		1795133-97-9
ACI 062110	<b>Arformoterol tartrate Impurity:</b> 4-((R)-2-((R)-1-(4-methoxyphenyl)propan-2-ylamino)-1-hydroxyethyl)-2-(methyleneamino)phenol (Arformoterol Imine Impurity)		n/a

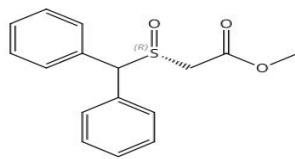
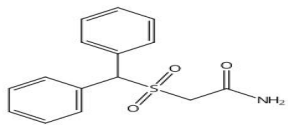
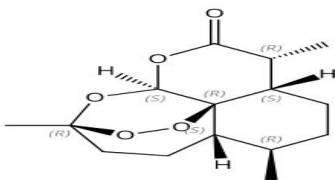
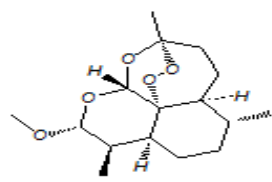
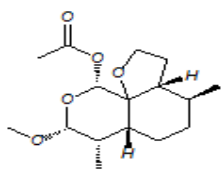
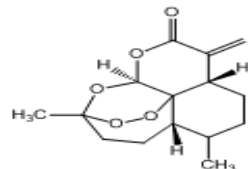
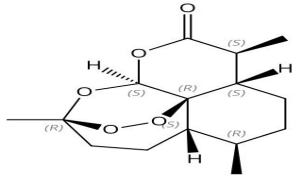
## Aripiprazole

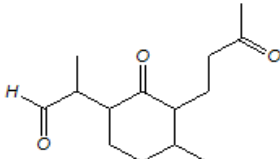
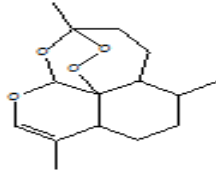
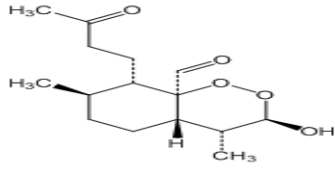
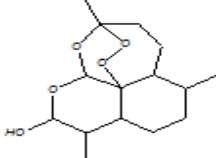
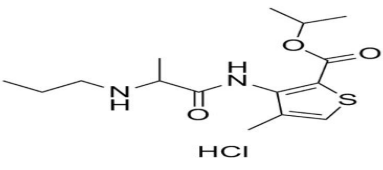
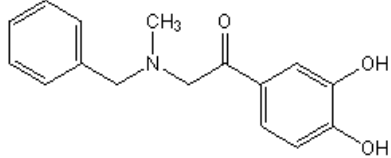
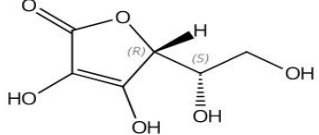


Code	Product Name	Structure	CAS No.
ACI 010700	<b>Aripiprazole:</b> 7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydrocarbostyrl		129722-12-9
ACI 010701	<b>Aripiprazole Impurity:</b> 7-Hydroxy-3,4-dihydro-2(1H)-quinolinone		22246-18-0
ACI 010702	<b>Aripiprazole Impurity:</b> 1-(2,3-Dichlorophenyl)piperazine hydrochloride		119532-26-2
ACI 010703	<b>Aripiprazole Impurity:</b> 7-(4-Bromobutoxy)-3,4-dihydro-2(1H)-quinolinone		129722-34-5
ACI 010704	<b>Aripiprazole Impurity:</b> 7-(4-Chlorobutoxy)-3,4-dihydro-2(1H)-quinolinone		120004-79-7
ACI 010705	<b>Aripiprazole Imp. E (EP):</b> 7-[4-[4-(2,3-Dichlorophenyl)piperazin-1-yl]butoxy]quinolin-2(1H)-one		129722-25-4
ACI 010708	<b>Aripiprazole Impurity:</b> 3,4-Dihydro-8-hydroxyquinolin-2(1H)-one		52749-50-5

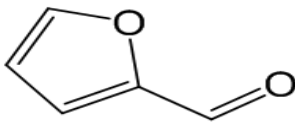
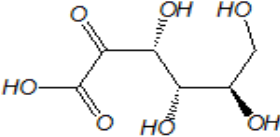
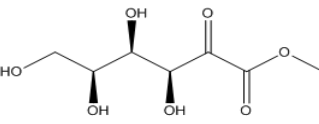
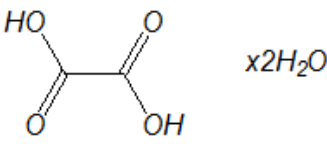
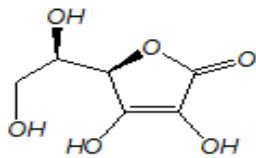
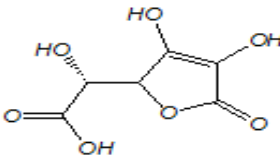
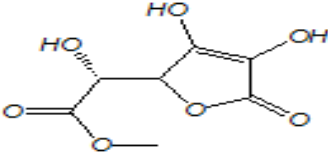
Code	Product Name	Structure	CAS No.
ACI 010709	<b>Aripiprazole Impurity as hydrochloride:</b> 1-(2,6-Dichlorophenyl)piperazine hydrochloride		1507372-81-7
ACI 010710	<b>Aripiprazole Impurity as hydrochloride:</b> N-(2-(2-chloroethylamino)ethyl)-2,3-dichlorobenzamide hydrochloride		NA
ACI 010711	<b>Aripiprazole Impurity:</b> 1,4-Bis(3,4-dihydro-2(1H)-quinolinone-7-oxy)butane		882880-12-8
ACI 010712	<b>Aripiprazole Impurity:</b> 7-(4-Iodobutoxy)-3,4-dihydro-2(1H)-quinolinone		952308-47-3
ACI 010713	<b>Aripiprazole Impurity:</b> 7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone-N-oxide		573691-09-5
ACI 010714	<b>Aripiprazole Impurity:</b> 7,7'-[ethane-1,1-diylbis[(2,3-dichlorobenzene-4,1-diyl)piperazine-4,1-diyl]butane-4,1-diyl]bis[3,4-dihydroquinolin-2(1H)-one].		1797986-18-5
ACI 010715	<b>Aripiprazole Impurity as hydrochloride salt:</b> N-(2,3-Dichlorophenyl)N-(2-(2,3-dichlorophenyl)amino)ethyl)ethane-1,2-diamine hydrochloride		NA

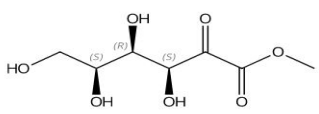
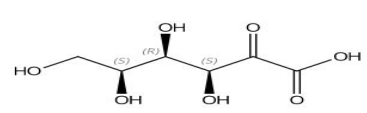
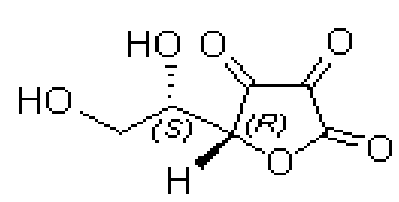

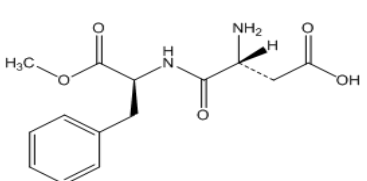
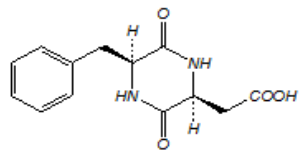
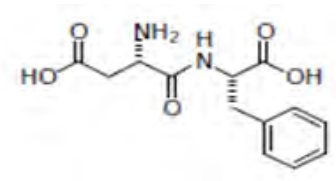
Code	Product Name	Structure	CAS No.
ACI 010716	<b>Aripiprazole Imp. C (EP):</b> 7-[4-[4-(2-Chlorophenyl)piperazin-1-yl]butoxy]-3,4-dihydroquinolin-2(1H)-one		203395-81-7
ACI 010717	<b>Aripiprazole Imp. D (EP):</b> 7-[4-[4-(3-Chlorophenyl)piperazin-1-yl]butoxy]-3,4-dihydroquinolin-2(1H)-one		203395-82-8
ACI 014204	<b>Aripiprazole:</b> 4-[(1R)-2-(benzylmethyl amino)-1-hydroxyethyl]benzene-1,2-diol		NA
<b>Arlevert</b>			
ACI 043717	<b>Arlevert Impurity:</b> 8-[(2 (Diphenylmethoxy)ethyl (methyl)amino)-1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione		33120-34-2
<b>Armodafinil</b>			
ACI 016311	<b>Armodafinil Impurity:</b> 2-(Benzhydrylsulfanyl) acetamide		68524-30-1
ACI 016312	<b>Armodafinil Impurity:</b> 2-[(S)-(diphenylmethyl)sulfinyl]acetamide (S-isomer)		112111-47-4
ACI 016313	<b>Armodafinil Imp.A:</b> (R)-(-)-Benzhydrylsulfinylacetic acid		112111-45-2

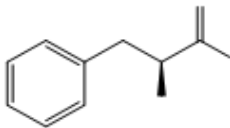
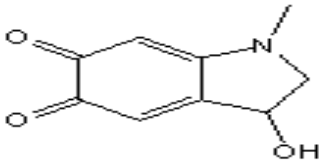
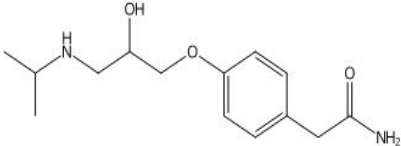
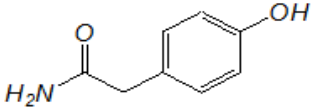
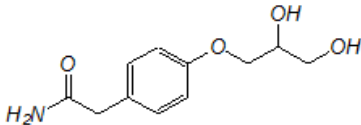
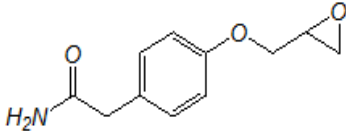
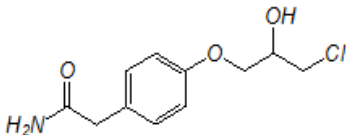
Code	Product Name	Structure	CAS No.
ACI 016314	<b>Armodafinil Imp.C:</b> (R)-(-)-Benzhydrysulfinylacetic acid methyl ester		713134-72-6
ACI 137902	<b>Armodafinil Imp.B or modafinil Imp.B(EP):</b> 2-[(diphenylmethyl)sulfonyl]acetamide		118779-53-6
<b>Artemisinin</b>			
ACI 012900	<b>Artemisinin:</b> (3R,5aS,6R,8aS,9R,12S,12aR)-Octahydro-3,6,9-trimethyl-3,12-epoxy-12H-pyrano[4,3-j]-1,2-benzodioxepin-10(3H)-one		63968-64-9
ACI 012911	<b>Artemisinin Impurity:</b> alpha-Artemether		71939-51-0
ACI 012912	<b>Artemisinin Impurity:</b> ((3aS,4R,6aS,7R,8S,10R,10aR)-octahydro-8-methoxy-4,7-dimethyl-2H,10H-Furo[3,2-i]-2-benzopyran-10-ol 10-acetate		181528-64-3
ACI 012913	<b>Artemisinin Impurity:</b> (3R,5aS,6R,8aS,12S,12aR)-Octahydro-3,6-dimethyl-9-methylene-3,12-epoxy-12H-pyrano[4,3-j]-1,2-benzodioxepin-10(3H)-one		101020-89-7
ACI 012914	<b>Artemisinin Impurity:</b> 9-Epiartemisinin		113472-97-2

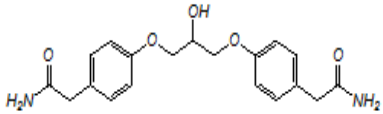
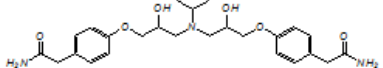
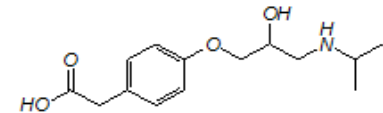
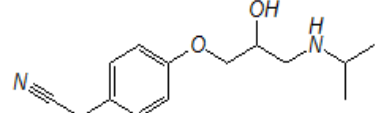
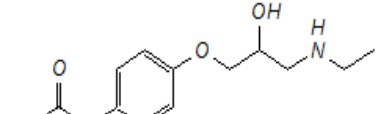
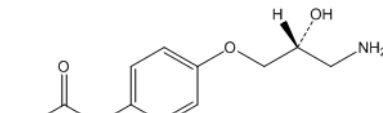
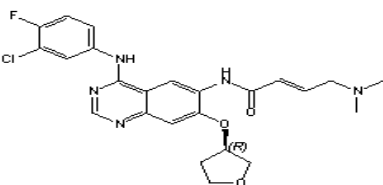
Code	Product Name	Structure	CAS No.
ACI 012915	<b>Artemisinin Impurity:</b> Cyclohexanone Propanol derivative of artemether		NA
<b>Artesunate</b>			
ACI 011803	<b>Artesunate Impurity:</b> Anhydrodihydroartemisinin		82596-30-3
ACI 011804	<b>Artesunate Impurity:</b> Artesunate Peroxy Hemiacetal impurity		149588-86-3
ACI 041200	<b>Artesunate Impurity:</b> Dihydroartemisinin (mixture of $\alpha$ - and $\beta$ - isomers)		n/a
<b>Articaine</b>			
ACI 036903	<b>Articaine Hydrochloride Imp. C (EP) as Hydrochloride:</b> 1-Methylethyl 4-Methyl- 3-[[[(2RS)-2-propylamino)-propanoyl]amino]thiophene-2-carboxylate Hydrochloride		NA
<b>Ascorbic</b>			
ACI 014205	<b>Ascorbic acid:</b> 2-(benzylmethylamino)-1-(3,4-dihydroxyphenyl)ethanone		36467-25-1
ACI 012800	<b>Ascorbic acid:</b> 5-(1,2-Dihydroxyethyl)-3,4-dihydroxy-5H-furan-2-one		50-81-7



Code	Product Name	Structure	CAS No.
ACI 012801	<b>Ascorbic acid Imp A (EP):</b> 2-furaldehyde		98-01-1
ACI 012803	<b>Ascorbic acid Imp C (EP):</b> D-xylo-hex-2-ulosonic acid		16533-48-5
ACI 012804	<b>Ascorbic acid Imp D (EP):</b> methyl D-xylo-hex-2-ulosonate		67776-07-2
ACI 012805	<b>Ascorbic acid Imp E (EP) as dihydrate:</b> oxalic acid dihydrate		6153-56-6
ACI 012806	<b>Ascorbic acid Imp F (EP):</b> (5R)-5-[(1R)-1,2-dihydroxyethyl]-3,4-dihydroxyfuran-2(5H)-one,		89-65-6
ACI 012807	<b>Ascorbic acid Imp G (EP):</b> (2R)-2-[(2R)-3,4-dihydroxy-5-oxo-2,5-dihydrofuran-2-yl]-2-hydroxyacetic acid		66757-69-5
ACI 012808	<b>Ascorbic acid Imp H (EP):</b> methyl (2R)-2-[(2R)-3,4-dihydroxy-5-oxo-2,5-dihydrofuran-2-yl]-2-hydroxyacetate		122046-79-1

Code	Product Name	Structure	CAS No.
ACI 012819	<b>Ascorbic acid Imp.D (EP):</b> methyl L-xylo-hex-2-ulosonate		3031-98-9
ACI 012820	<b>Ascorbic acid Imp.C(EP) :</b> L-xylo-hex-2-ulosonic acid (L-sorbosonic acid)		526-98-7
ACI-012818	<b>Ascorbic acid Impurity:</b> L-threo-2,3-Hexodiulosonic Acid, gama-lactone(Dehydro Ascorbic Acid)		490-83-5
<b>Asp5-Vasopressin</b>			
ACI 221814	<b>Asp5-Vasopressin:</b> Cys-Tyr-Phe-Gln-Asp-Cys-Pro-Arg-Gly-NH <sub>2</sub> (Disulfide Bridge Cys1&Cys6)		NA
<b>Aspartame</b>			
ACI 012400	<b>Aspartame:</b> L-Aspartyl-L-3-phenylalanine methyl ester		22839-47-0
ACI 012401	<b>Aspartame Imp. A (EP):</b> 2-[(2S,5S)-5-Benzyl-3,6-dioxopiperazin-2-yl]acetic acid		5262-10-2
ACI 012402	<b>Aspartame Imp. B (EP):</b> L-Aspartyl-L-phenylalanine		13433-09-5

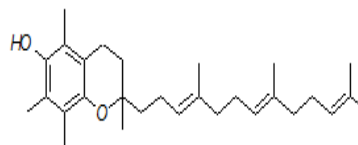
Code	Product Name	Structure	CAS No.
ACI 012403	<b>Aspartame Imp. C (EP):</b> L-Phenylalanine		63-91-2
ACI 014211	<b>Aspartame:</b> 3-Hydroxy-1-methyl-2,3-dihydro-1H-indole-5,6-dione		54-06-8
<b>Atenolol</b>			
ACI 010100	<b>Atenolol:</b> 4-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]benzeneacetamide		29122-68-7
ACI 010101	<b>Atenolol Imp. A (EP):</b> 2-(4-hydroxyphenyl)acetamide		17194-82-0
ACI 010102	<b>Atenolol Imp. B (EP):</b> 2-[4-[(2RS)-2,3-Dihydroxypropoxy]phenyl] acetamide		61698-76-8
ACI 010103	<b>Atenolol Impurity C (EP):</b> 2-[4-[(2RS)-Oxiran-2-yl]methoxy]phenyl]acetamide		29122-69-8
ACI 010104	<b>Atenolol Imp. D (EP):</b> 2-[4-[(2RS)-3-Chloro-2-hydroxypropoxy]phenyl]acetamide		115538-83-5

Code	Product Name	Structure	CAS No.
ACI 010105	<b>Atenolol Imp. E (EP):</b> 2,2' -[2-Hydroxypropan-1,3-diylbis (oxy-4,1-phenylene)]diacetamide		141650-31-9
ACI 010106	<b>Atenolol Imp. F (EP):</b> 2,2' -[(1-Methylethyl)-iminobis(2-hydroxypropan-3,1-diyl)oxy-4,1-phenylene]diacetamide		87619-83-8
ACI 010107	<b>Atenolol Imp. G (EP):</b> 2-[4-[(2RS)-2-Hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]acetic Acid		56392-14-4
ACI 010108	<b>Atenolol Imp. H (EP):</b> 2-[4-[(2RS)-2-hydroxy-3-[(1-methylethyl)amino]propoxy] phenyl] acetonitrile		33985-93-2
ACI 010109	<b>Atenolol Imp. I (EP):</b> 2-[4-[(2RS)-3-(Ethylamino)2-hydroxypropoxy]phenyl] acetamide		1797116-92-7
ACI 010110	<b>Atenolol Imp. J (EP):</b> 2-[4-[(2RS)-3-amino-2-hydroxypropoxy]phenyl]acetamide		NA
ACI 015513	<b>Atenolol:</b> (R,E)-N-(4-((3-Chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinozolin- 6-yl)-4-(dimethylamino)but-2-enamide		945553-91-3

## a-Tocotrienol

Code	Product Name	Structure	CAS No.
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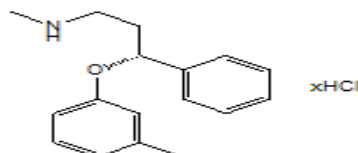
ACI 200100 **a-Tocotrienol:** mixture of isomers



58864-81-6

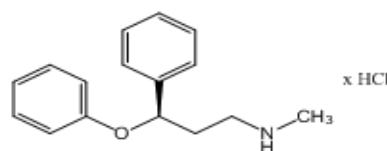
## Atomoxetine

ACI 014304 **Atomoxetine hydrochloride Imp. D (Pharmeuropa):** (3R)-N-methyl-3-(3-methylphenoxy)-3-phenylpropan-1-amine



1643684-05-2

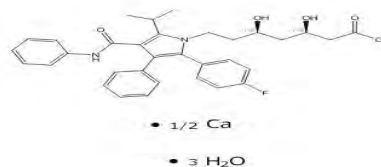
ACI 014311 **Atomoxetine hydrochloride Impurity as hydrochloride:** (R)-N-methyl-3-phenoxy-3-phenylpropan-1-amine hydrochloride



1212215-97-8

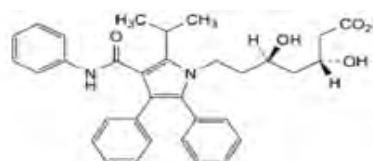
## Atorvastatin

ACI 011200 **Atorvastatin calcium trihydrate:** Calcium (3R,5R)-7-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoate trihydrate



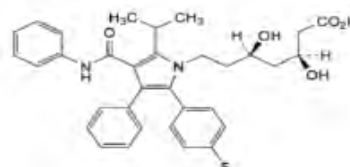
344423-98-9

ACI 011201 **Atorvastatin calcium trihydrate Imp. A (EP):** (3R,5R)-7-[2,3-diphenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid (desfluoroatorvastatin)



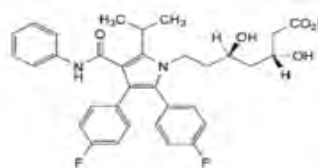
433289-83-9

ACI 011202 **Atorvastatin calcium trihydrate Imp. B (EP):** (3S,5R)-7-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid



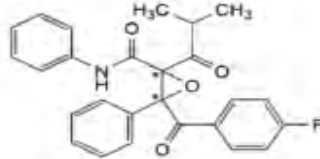
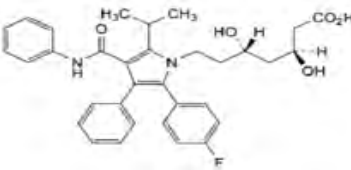
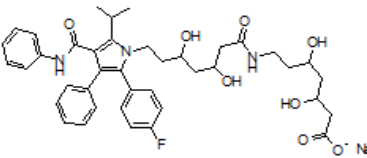
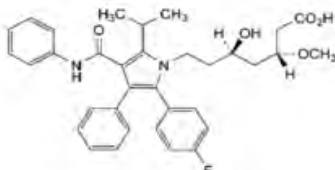
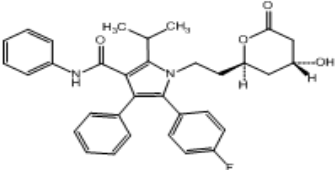
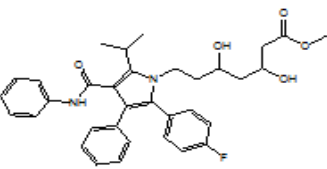
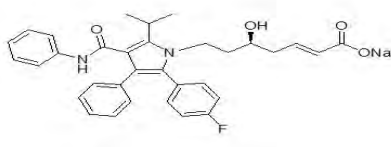
887324-52-9

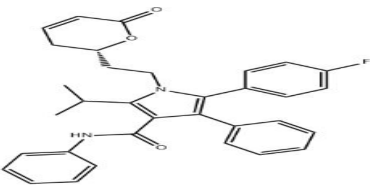
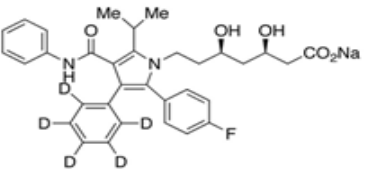
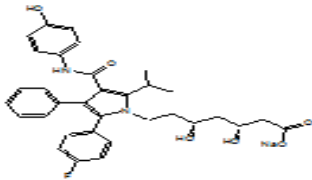
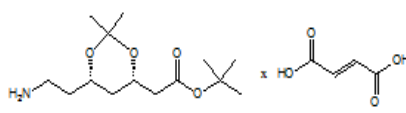
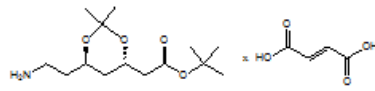
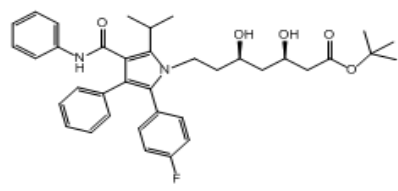
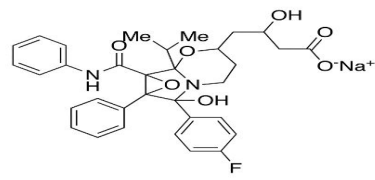
ACI 011203 **Atorvastatin calcium trihydrate Imp. C (EP):** (3R,5R)-7-[2,3-bis(4-fluorophenyl)-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid

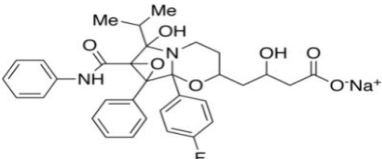
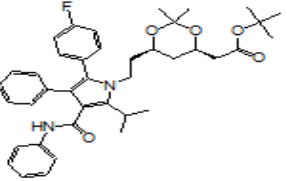
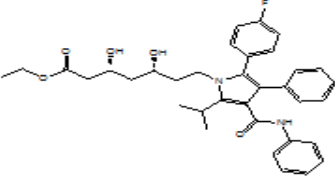
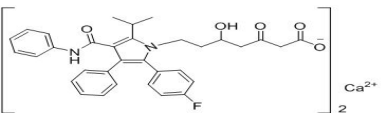
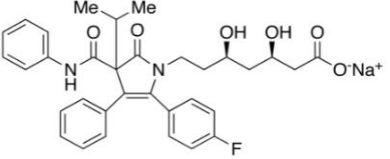
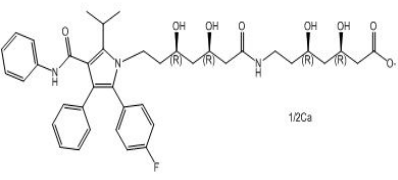
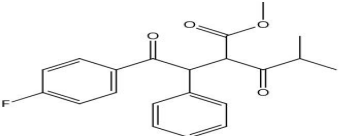


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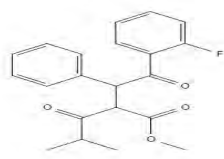


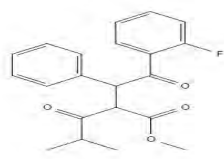
Code	Product Name	Structure	CAS No.
ACI 011204	<b>Atorvastatin calcium trihydrate Imp. D (EP):</b> 3-[(4-fluorophenyl)carbonyl]-2-(2-methylpropanoyl)-N,3-diphenyloxirane-2-carboxamide		148146-51-4
ACI 011205	<b>Atorvastatin calcium trihydrate Imp. E (EP):</b> (3S,5S)-7-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid		1105067-88-6
ACI 011206	<b>Atorvastatin calcium trihydrate Imp. F (EP) as sodium salt:</b> Sodium (3R,5R)-7-[[[(3R,5R)-7-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoyl]amino]-3,5-dihydroxyheptanoate		1371615-56-3
ACI 011207	<b>Atorvastatin calcium trihydrate Imp. G (EP):</b> (3R,5R)-7-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-5-hydroxy-3-methoxyheptanoic acid (3-O-methylatorvastatin)		887196-29-4
ACI 011208	<b>Atorvastatin calcium trihydrate Imp. H (EP):</b> (4R,6R)-6-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]ethyl]-4-hydroxytetrahydro-2H-pyran-2-one		125995-03-1
ACI 011214	<b>Atorvastatin calcium trihydrate Impurity:</b> Atorvastatin methyl ester		345891-62-5
ACI 011219	<b>Atorvastatin calcium trihydrate Impurity:</b> (S)-7-[2-(4-Fluorophenyl)-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]-5-hydroxyhept-2-enoic acid sodium salt		NA

Code	Product Name	Structure	CAS No.
ACI 011220	<b>Atorvastatin calcium trihydrate Impurity:</b> Atorvastatin dehydrolactone		44285-50-5
ACI 011221	<b>Atorvastatin calcium trihydrate Impurity:</b> Atorvastatin-d-5		222412-87-5
ACI 011225	<b>Atorvastatin calcium trihydrate Impurity as sodium salt:</b> (βR,dR)-2-(4-fluorophenyl)-β,d-dihydroxy-4-[[[(4-hydroxyphenyl)amino]carbonyl]-5-(1-methylethyl)-3-phenyl-1H-Pyrrole-1-heptanoic acid sodium salt		265989-44-4
ACI 011227	<b>Atorvastatin calcium trihydrate Impurity as fumarate salt:</b> tert-Butyl (4S,6S)-6-(2-Aminoethyl)-2,2-dimethyl-1,3-dioxane-4-acetate fumarate		947586-93-8
ACI 011229	<b>Atorvastatin calcium trihydrate Impurity as fumarate salt:</b> tert-Butyl (4S,6R)-6-(2-Aminoethyl)-2,2-dimethyl-1,3-dioxane-4-acetate fumarate		1105067-89-7
ACI 011230	<b>Atorvastatin calcium trihydrate Impurity:</b> Atorvastatin tert-Butyl Ester		134395-00-9
ACI 011231	<b>Atorvastatin calcium trihydrate Impurity:</b> Atorvastatin Cyclic Sodium Salt(Isopropyl) Impurity		1316291-19-6

Code	Product Name	Structure	CAS No.
ACI 011232	<b>Atorvastatin Cyclic (Fluorophenyl) Sodium Salt</b> <b>Impurity:</b> 1b-(4-Fluorophenyl)hexahydro-β,7-dihydroxy-7-(1-methylethyl)-1a-phenyl-7a-[(phenylamino)carbonyl]-3H-oxireno[3,4]pyrrolo[2,1-b][1,3]oxazine-3-butanoic Acid Sodium		1315629-79-8
ACI 011233	<b>Atorvastatin calcium trihydrate Impurity:</b> (tert-Butyl 2-((4R,6R)-6-{2-[2-(4-fluorophenyl)-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]ethyl}-2,2-dimethyl-1,3-dioxan-4-yl)acetate)		125971-95-1
ACI 011234	<b>Atorvastatin calcium trihydrate Impurity:</b> (3R,5R)-Ethyl-7-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid		1146977-93-6
ACI 011235	<b>Atorvastatin calcium trihydrate Imp.O (Pharmaeuropa) as Calcium salt:</b> 2-(4-Fluorophenyl)-δ-hydroxy-5-(1-methylethyl)-β-oxo-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrole-1-heptanoic Acid Calciumsalt (rac-3-Oxo-Atorvastatin Calcium salt)		1391052-00-8
ACI 011239	<b>Atorvastatin calcium trihydrate Impurity:</b> Atorvastatin pyrrol-2-one (Atorvastatin Pyrrolidone Analog)		906552-18-9
ACI 011241	<b>Atorvastatin Related Compound F as Calcium salt :</b> Calcium (3R,5R)-7-[[[(3R,5R)-7-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoyl]amino] -3,5-dihydroxyheptanoate		1105067-87-5
ACI 011244	<b>Atorvastatin calcium trihydrate Impurity:</b> Methyl 2-(2-(4-fluorophenyl)-2-oxo-1-phenylethyl)-4-methyl-3-oxopentanoate		912998-82-4

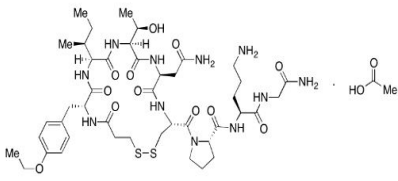
Code	Product Name	Structure	CAS No.
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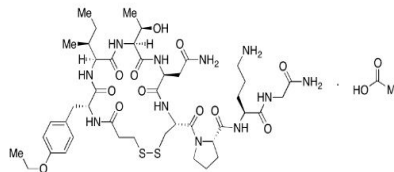
ACI 011246	<b>Atorvastatin calcium trihydrate Impurity:</b> methyl 2-(2-(2-fluorophenyl)-2-oxo-1-phenylethyl)-4-methyl-3-oxopentanoate		NA
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NA

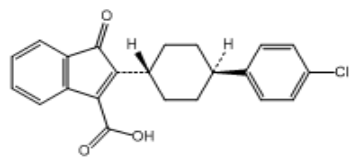
## Atosiban

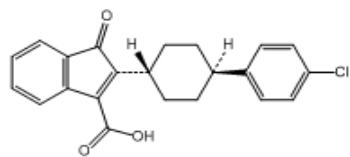
ACI 017800	<b>Atosiban Acetate :</b> Cyclic(1→5)-disulfideO-Ethyl-N-(3-mercapto-1-oxopropyl)-D-tyrosyl-L-isoleucyl-L- threonyl-L-asparaginyl-L-cysteiny-L-prolyl-L-ornithyl-glycinamide Monoacetate		914453-95-5
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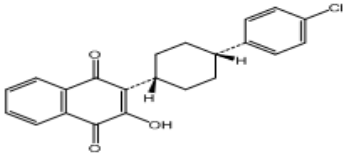
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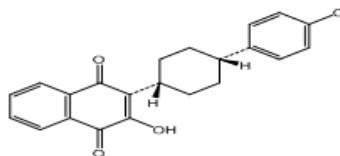
## Atovaquone

ACI 013801	<b>Atovaquone Imp. A (EP):</b> 2-[trans-4-(4-chlorophenyl)cyclohexyl]-1-oxo-1H-indene-3-carboxylic acid		NA
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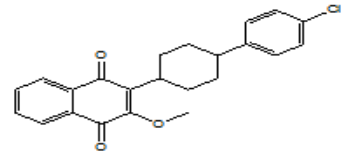


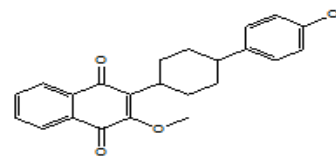
NA

ACI 013802	<b>Atovaquone Imp. B (EP):</b> 2-[cis-4-(4-chlorophenyl)cyclohexyl]-3-hydroxynaphthalene-1,4-dione		137732-39-9
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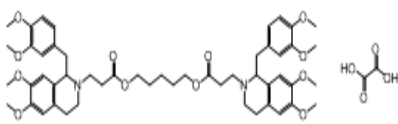
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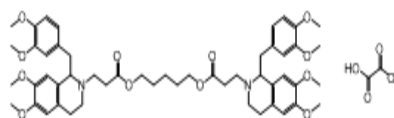
ACI 013804	<b>Atovaquone Imp. D (EP):</b> 2-[trans-4-(4-chlorophenyl)cyclohexyl]-3-methoxynaphthalene-1,4-dione		129700-41-0
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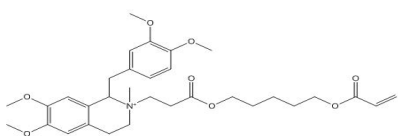
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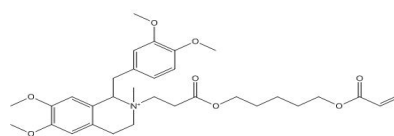
## Atracurium

ACI 014402	<b>Atracurium besilate Imp. B (EP) as oxalate:</b> pentane-1,5-diyl bis[3-[1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl]propanoate] oxalate		64228-78-0
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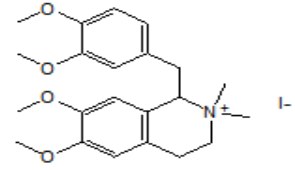
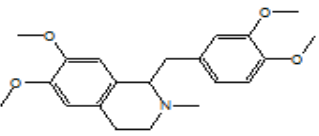
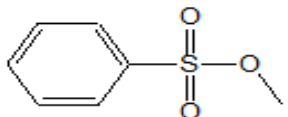


64228-78-0

ACI 014403	<b>Atracurium besilate Imp. C (EP):</b> 1-(3,4-Dimethoxybenzyl)-2-(3,11-dioxo-4,10-dioxatridec-12-enyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium		86293-35-8
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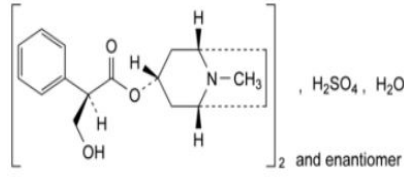
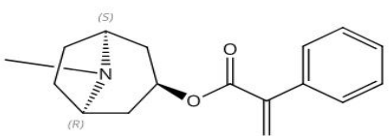
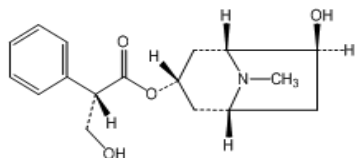
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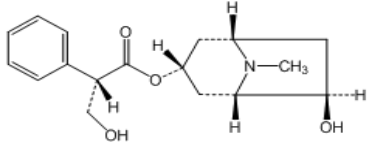
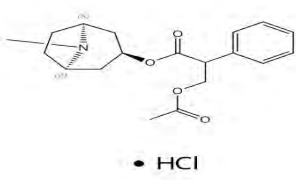
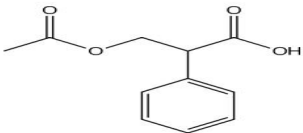
Code	Product Name	Structure	CAS No.
ACI 014406	<b>Atracurium besilate Imp. F (EP):</b> 1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2,2-dimethyl-1,2,3,4-tetrahydroisoquinolinium		24948-17-2
ACI 014407	<b>Atracurium besilate Imp. G (EP):</b> 1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline		1699-51-0
ACI 014410	<b>Atracurium besilate Imp. J (EP):</b> methyl benzenesulfonate		80-18-2

## Atropic

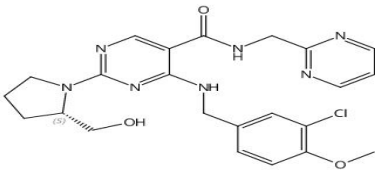
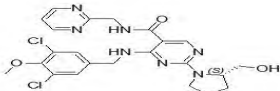
ACI 091504	<b>Atropic Acid:</b> -		492-38-6
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## Atropine

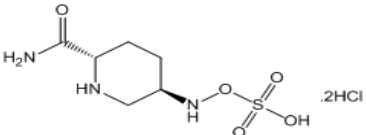
ACI 014100	<b>Atropine sulfate</b> : Bis[(1R,3r,5S)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl (2RS)-3-hydroxy-2-phenylpropanoate] sulfate monohydrate		5908-99-6
ACI 014101	<b>Atropine Sulfate Imp. A(EP)</b> : (1R,3r,5S)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl 2-phenylpropanoate		500-55-0
ACI 014104	<b>Atropine Imp. D (EP):</b> (1R,3S,5R,6RS)-6-hydroxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl (2S)-3-hydroxy-2-phenylpropanoate		55869-99-3

Code	Product Name	Structure	CAS No.
ACI 014105	<b>Atropine Imp. E (EP):</b> (1S,3R,5S,6RS)-6-hydroxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl (2S)-3-hydroxy-2-phenylpropanoate		949092-65-3
ACI 014111	<b>Atropine Sulfate Impurity:</b> (1R,3r,5S)-8-methyl-8-azabicyclo[3.2.1]octan-3-yl 3-acetoxy-2-phenylpropanoate hydrochloride	 • HCl	35849-89-9
ACI 014112	<b>Atropine Sulfate Impurity:</b> 3-acetoxy-2-phenylpropanoic acid		14510-36-2

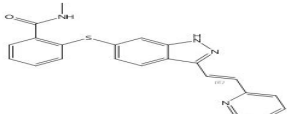
## Avanafil

ACI 018100	<b>Avanafil:</b> (S)-2-(2-Hydroxymethyl-1-pyrrolidinyl)-4-(3-chloro-4-methoxybenzylamino)-5-[N-(2-pyrimidinylmethyl)carbamoyl]pyrimidine		330784-47-9
ACI 018111	<b>Avanafil Dichloro Impurity:</b> (S)-4-((3,5-Dichloro-4-methoxybenzyl)amino)-2-(2-(hydroxymethyl)pyrrolidin-1-yl)-N-(pyrimidin-2-ylmethyl)pyrimidine-5-carboxamide		NA

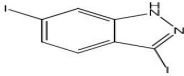
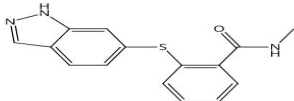
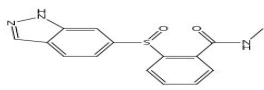
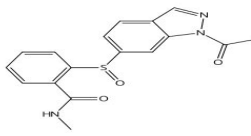
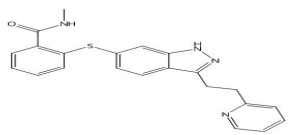
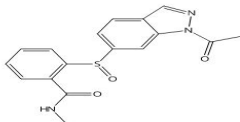
## Avibactam

ACI 015811	<b>Avibactam impurity As Dihydrochloride salt:</b> (((3R,6S)-6-Carbamoylpiperidin-3-yl)amino)methanesulfonate Dihydrochloride		n/a
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## Axitinib

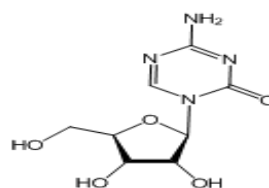
ACI 018200	<b>Axitinib:</b> N-Methyl-2-[[3-[(1E)-2-(2-pyridinyl)ethenyl]-1H-indazol-6-yl]thio]benzamide		319460-85-0
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Code	Product Name	Structure	CAS No.
ACI 018211	<b>Axitinib Impurity A:</b> 3,6-diiodo-1H-indazole		319472-78-1
ACI 018212	<b>Axitinib Impurity B:</b> 2-((1H-Indazol-6-ylthio)-N-methylbenzamide		944835-85-2
ACI 018213	<b>Axitinib Impurity C:</b> 2-((1H-indazol-6-yl)sulfinyl)-N-methylbenzamide		1959572-97-4
ACI 018214	<b>Axitinib Impurity D:</b> 2-((1-acetyl-1H-indazol-6-yl)sulfinyl)-N-methylbenzamide		1959572-98-5
ACI 018216	<b>Axitinib Impurity F:</b> N-methyl-2-((3-(2-(pyridin-2-yl)ethyl)-1H-indazol-6-yl)thio)benzamide (Dihydro-Axitinib)		1443118-73-7
ACI-018214	<b>Axitinib Impurity D:</b> 2-((1-acetyl-1H-indazol-6-yl)sulfinyl)-N-methylbenzamide		1959572-98-5

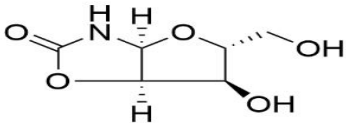
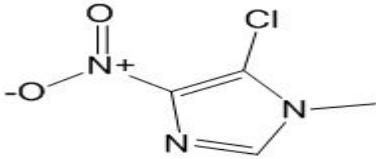
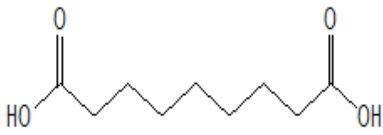
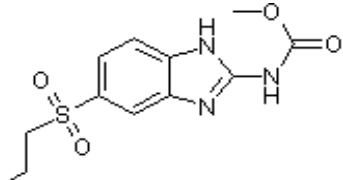
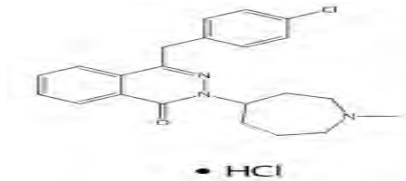
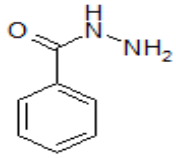
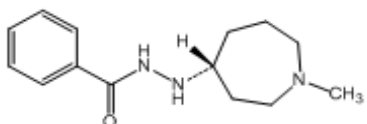
## Azacidine

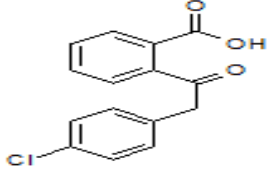
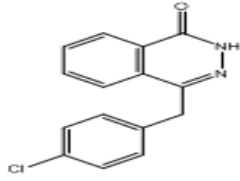
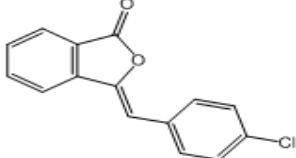
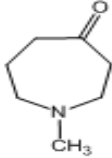
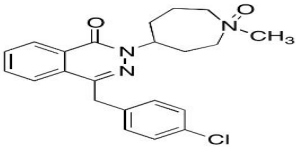
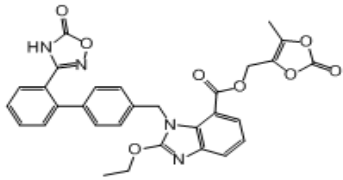
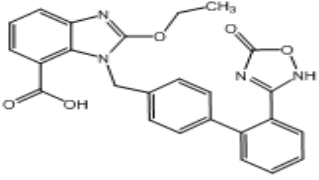
ACI 016200 **Azacidine:** 4-Amino-1-β-D-ribofuranosyl-1,3,5-triazin-2(1H)-one [5-Azacytidine, Azacytidine]

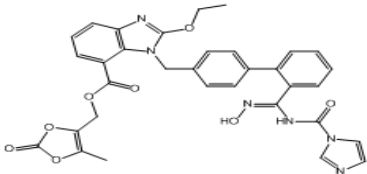
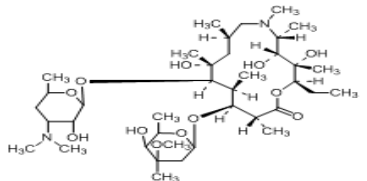
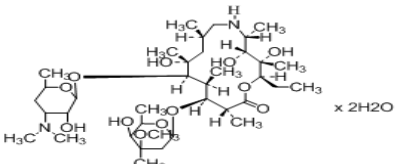
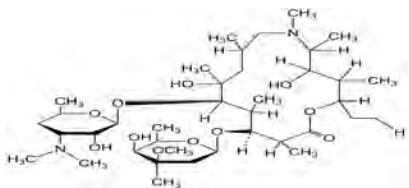
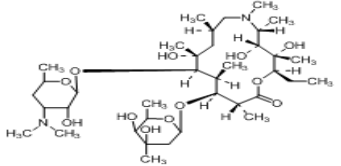
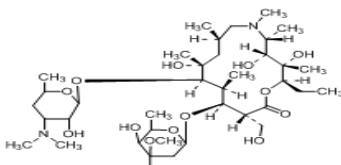
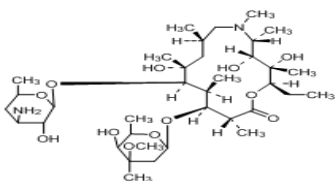


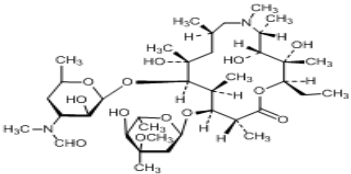
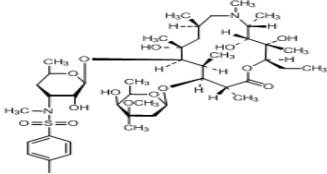
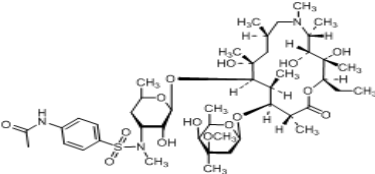
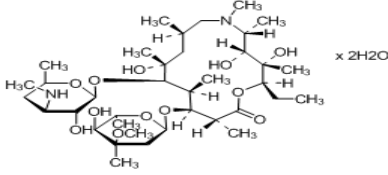
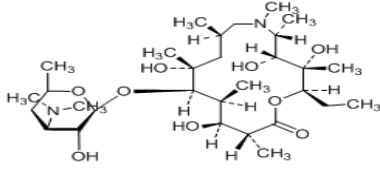
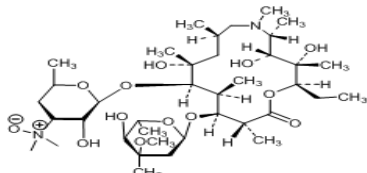
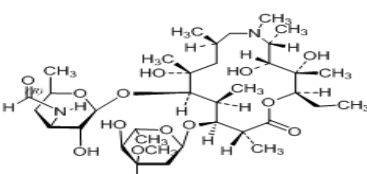
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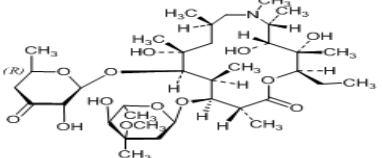
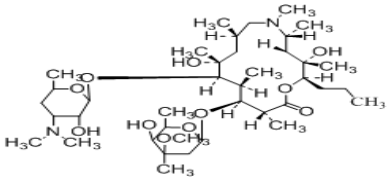
## Azacidine

Code	Product Name	Structure	CAS No.
ACI 016212	<b>Azacitidine Impurity:</b> 6-hydroxy-5-(hydroxymethyl)tetrahydrofuro[2,3-d]oxazol-2(3H)-one		2508-81-8
<b>Azathioprine</b>			
ACI 016703	<b>Azathioprine Imp.C (EP)</b> : 5-Chloro-1-methyl-4-nitroimidazole		4897-25-0
<b>Azelaic</b>			
ACI 014000	<b>Azelaic acid:</b> Nonanedioic acid		123-99-9
<b>Azelastine</b>			
ACI 010403	<b>Azelastine Hydrochloride:</b> Methyl [5-(propylsulfonyl)-1H-benzimidazol-2-yl]carbamate		75184-71-3
ACI 010300	<b>Azelastine Hydrochloride:</b> 4-[(4-Chlorophenyl)methyl]-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone Hydrochloride		79307-93-0
ACI 010301	<b>Azelastine Hydrochloride Imp. A (EP):</b> Benzoyldiazane		613-94-5
ACI 010302	<b>Azelastine Hydrochloride Imp. B (EP):</b> 1-benzoyl-2-[(4RS)-1-methylhexahydro-1H-azepin-4-yl]diazane		110406-94-5

Code	Product Name	Structure	CAS No.
ACI 010303	<b>Azelastine Hydrochloride Imp. C (EP):</b> 2-[(4-Chlorophenyl)acetyl]benzoic Acid		53242-76-5
ACI 010304	<b>Azelastine Hydrochloride Imp. D (EP):</b> 4-[(4-chlorophenyl)methyl]phthalazin-1(2H)-one		53242-88-9
ACI 010305	<b>Azelastine Hydrochloride Imp. E (EP):</b> (Z)-3-(4-Chlorobenzylidene)-isobenzofuran-1(3H)-one (Z Isomer)		20526-97-0
ACI 010311	<b>Azelastine Hydrochloride Impurity as hydrochloride:</b> 1-Methylazepan-4-one Hydrochloride	 x HCl	19869-42-2
ACI 010312	<b>Azelastine N-Oxide (Mixture of Diastereomers):</b> 4-[(4-Chlorophenyl)methyl]-2-(hexahydro-1-methyl-1-oxido-1H-azepin-4-yl)-1(2H)-phthalazinone		640279-88-5
<b>Azilsartan</b>			
ACI 015700	<b>Azilsartan Medoxomil:</b> 1-[[[2'-(2,5-Dihydro-5-oxo-1,2,4-oxadiazol-3-yl)[1,1'-biphenyl]-4-yl]methyl]-2-ethoxy-1H-benzimidazole-7-carboxylic Acid (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl Ester		863031-21-4
ACI 015711	<b>Azilsartan Medoxomi Impurity:</b> 1-[[[2'-(2,5-Dihydro-5-oxo-1,2,4-oxadiazol-3-yl) [1,1'-biphenyl]-4-yl]methyl]-2-ethoxy-1H-benzimidazole-7-carboxylic acid.		147403-03-0

Code	Product Name	Structure	CAS No.
ACI 015712	<b>Azilsartan Imidazole Carbonyl Dioxolene Ester:</b> 5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 2-ethoxy-1[[2'-(hydroxyamino)[(1H-imidazol-1-ylcarbonyl)imino]methyl][1,1'-biphenyl]-4-yl]methyl]-1H-benzimidazole-7-carboxylate		1514933-19-7
<b>Azithromycin</b>			
ACI 013200	<b>Azithromycin:</b> (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-13-[(2,6-Dideoxy-3-C-methyl-3-O-methyl-α-L-ribo-hexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one		83905-01-5
ACI 013201	<b>Azithromycin Impurity A (EP) as dihydrate:</b> 6-demethylazithromycin dihydrate		76801-85-9
ACI 013202	<b>Azithromycin Impurity B (EP):</b> 3-deoxyazithromycin		307974-61-4
ACI 013203	<b>Azithromycin Impurity C (EP):</b> 3-O-demethylazithromycin (azithromycin C)		620169-47-3
ACI 013204	<b>Azithromycin Impurity D (EP):</b> 14-demethyl-14-(hydroxymethyl)azithromycin (azithromycin F)		612069-26-8
ACI 013205	<b>Azithromycin Impurity E (EP):</b> 3'-(N,N-didemethyl)azithromycin		612069-27-9

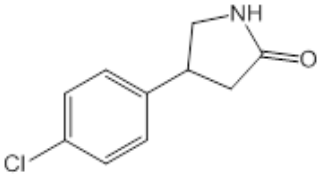
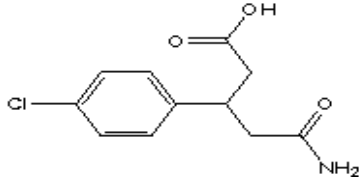
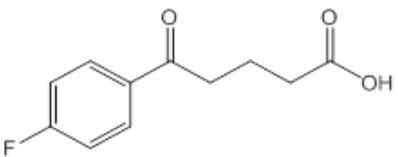
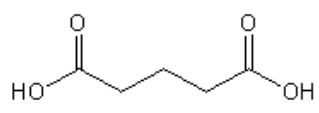
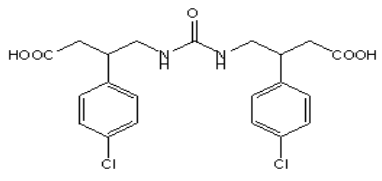
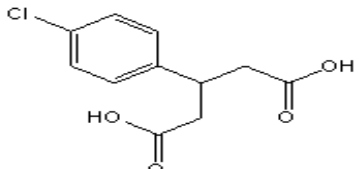
Code	Product Name	Structure	CAS No.
ACI 013206	<b>Azithromycin Impurity F (EP):</b> 3'-N-demethyl-3'-N-formylazithromycin		612069-28-0
ACI 013207	<b>Azithromycin Impurity G (EP):</b> 3'-N-demethyl-3'-N-[(4-methylphenyl)sulfonyl]azithromycin		612069-31-5
ACI 013208	<b>Azithromycin Impurity H (EP):</b> 3'-N-[[4-(acetylamino)phenyl]sulfonyl]-3'-N-demethylazithromycin		612069-30-4
ACI 013209	<b>Azithromycin Impurity I (EP) as dihydrate:</b> 3'-N-demethylazithromycin dihydrate		NA
ACI 013210	<b>Azithromycin Impurity J (EP):</b> 13-O-decladinosylazithromycin		117693-41-1
ACI 013212	<b>Azithromycin Impurity L (EP):</b> azithromycin 3'-N-oxide		90503-06-3
ACI 013213	<b>Azithromycin Impurity M (EP):</b> 3'-(N,N-didemethyl)-3'-N-formylazithromycin		765927-71-7

Code	Product Name	Structure	CAS No.
ACI 013214	<b>Azithromycin Impurity N (EP):</b> 3'-de(dimethylamino)-3'-oxoazithromycin		612069-25-7
ACI 013215	<b>Azithromycin Impurity O (EP):</b> 2-desethyl-2-propylazithromycin		763924-54-5

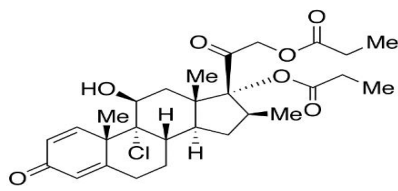


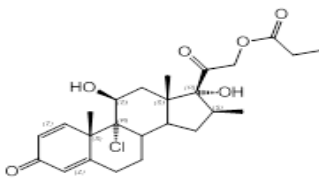
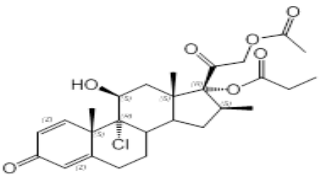
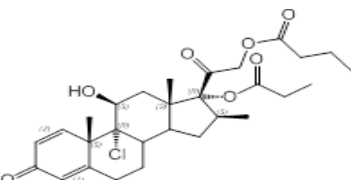
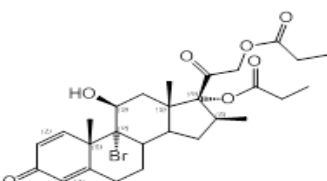
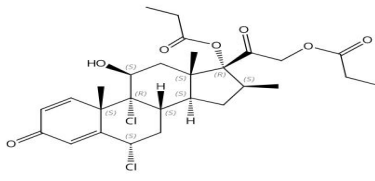
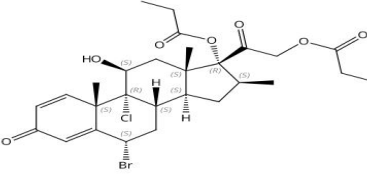
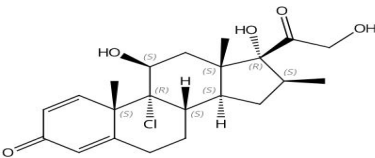
Code	Product Name	Structure	CAS No.
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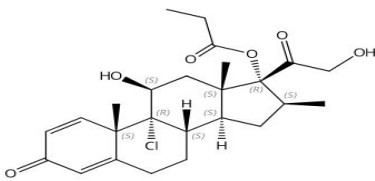
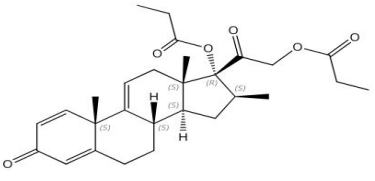
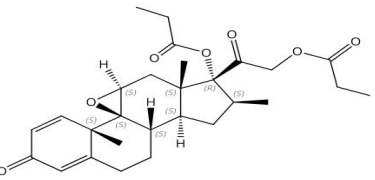
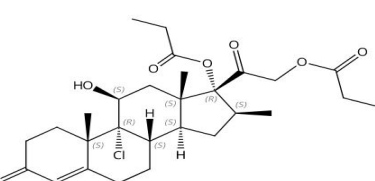
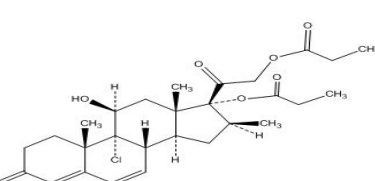
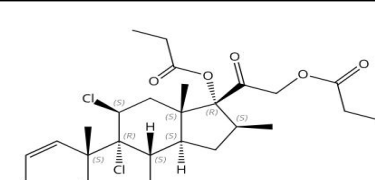
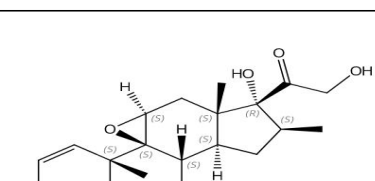
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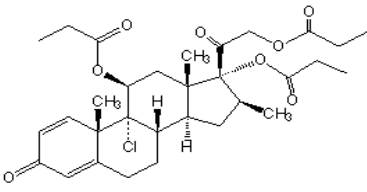
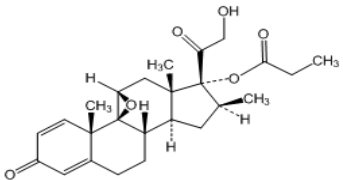
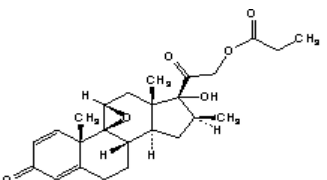
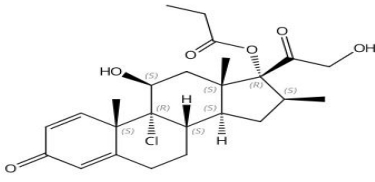

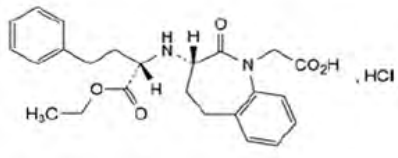
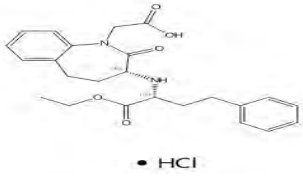
ACI 023201	<b>Baclofen Imp. A (EP):</b> (4-(4-Chlorophenyl)-2-pyrrolidinone)		22518-27-0
ACI 023202	<b>Baclofen Imp. B (EP):</b> (3RS)-5-Amino-3-(4-chlorophenyl)-5-oxopentanoic Acid		1141-23-7
ACI 023211	<b>Baclofen Impurity:</b> 5-(4-Fluorophenyl)-5-oxopentanoic acid		149437-76-3
ACI 023212	<b>Baclofen Impurity:</b> Glutaric Acid		110-94-1
ACI 023213	<b>Baclofen Impurity:</b> N, B-Di [3-carboxy-2-(4-chlorophenyl)-propyl]urea. (Dibaclofen Urea)		NA
ACI 023214	<b>Baclofen Impurity:</b> 3-(4-Chlorophenyl) glutaric acid		35271-74-0

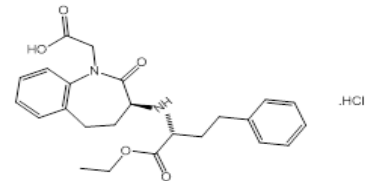
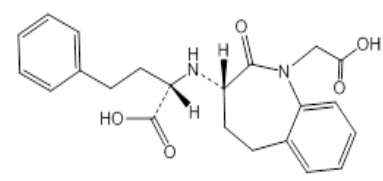
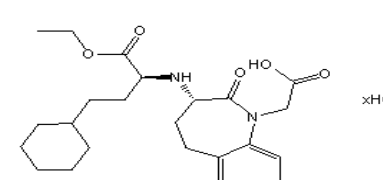
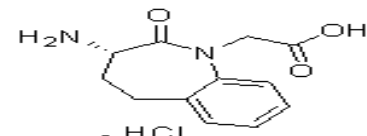
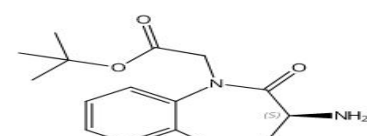
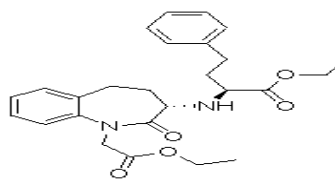
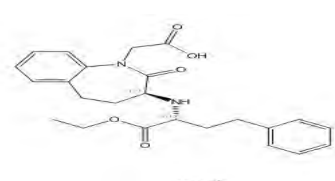
### Beclometasone

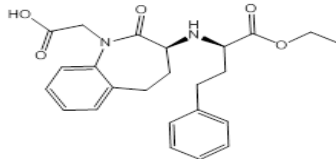
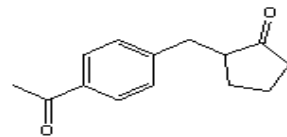
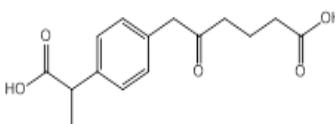
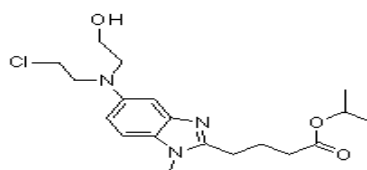
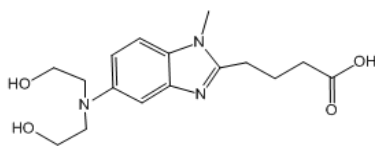
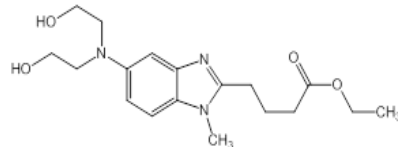
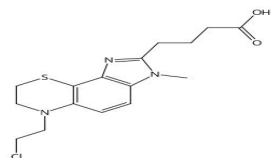
ACI 022400	<b>Beclometasone Dipropionate:</b> 9 $\alpha$ -Chloro-16 $\beta$ -methylprednisolone 17,21-dipropionate		5534-09-8
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Code	Product Name	Structure	CAS No.
ACI 022401	<b>Beclometasone Dipropionate Imp. A (EP):</b> 9-Chloro-11beta,17-dihydroxy-16beta-methyl-3,20-dioxopregna-1,4-dien-21-yl Propanoate		69224-79-9
ACI 022402	<b>Beclometasone Dipropionate Imp. B (EP):</b> 21-(Acetyloxy)-9-chloro-11beta-hydroxy-16beta-methyl-3,20-dioxopregna-1,4-dien-17-yl Propanoate		5534-08-7
ACI 022403	<b>Beclometasone Dipropionate Imp. C (EP):</b> 9-Chloro-11beta-hydroxy-16beta-methyl-3,20-dioxo-17-(propanoyloxy)-pregna-1,4-dien-21-yl Butanoate		103483-61-0
ACI 022404	<b>Beclometasone Dipropionate Imp. D (EP):</b> 9-Bromo-11beta-hydroxy-16beta-methyl-3,20-dioxopregna-1,4-diene-17,21-diyl Dipropionate		52092-14-5
ACI 022405	<b>Beclometasone Dipropionate Imp. E (EP):</b> (6 $\alpha$ ,11 $\beta$ ,16 $\beta$ )-6,9-dichloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-Pregna-1,4-diene-3,20-dione		887130-68-9
ACI 022406	<b>Beclometasone Dipropionate Imp. F (EP):</b> (6 $\alpha$ ,11 $\beta$ ,16 $\beta$ )-6-Bromo-9-chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)pregna-1,4-diene-3,20-dione		887130-69-0
ACI 022407	<b>Beclometasone Dipropionate Imp. G (EP):</b> (11 $\beta$ ,16 $\beta$ )-9-Chloro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione (Beclomethasone)		4419-39-0

Code	Product Name	Structure	CAS No.
ACI 022408	<b>Beclometasone Dipropionate Imp. H (EP):</b> (11 $\beta$ ,16 $\beta$ )-9-chloro-11,21-dihydroxy-16-methyl-17-(1-oxopropoxy)-pregna-1,4-diene-3,20-dione		5534-18-9
ACI 022409	<b>Beclometasone Dipropionate Imp. I (EP):</b> (16 $\beta$ )-16-Methyl-17,21-bis(1-oxopropoxy)pregna-1,4,9(11)-triene-3,20-dione		52092-12-3
ACI 022410	<b>Beclometasone Dipropionate Imp. J (EP):</b> Betamethasone 9,11-epoxide 17,21-dipropionate		66917-44-0
ACI 022412	<b>Beclometasone Dipropionate Imp. L (EP):</b> (11 $\beta$ ,16 $\beta$ )-9-chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-Pregn-4-ene-3,20-dione		114371-33-4
ACI 022413	<b>Beclometasone Dipropionate Imp. M (EP):</b> 9-Chloro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-3,20-dioxopregna-4,6-diene-17,21-diyl dipropanoate		NA
ACI 022415	<b>Beclometasone Dipropionate Imp. O (EP):</b> (11 $\beta$ ,16 $\beta$ )-9,11-dichloro-16-methyl-17,21-bis(1-oxopropoxy)-Pregna-1,4-diene-3,20-dione		14527-61-8
ACI 022418	<b>Beclometasone Dipropionate Imp. R (EP):</b> Betamethasone 9,11-epoxide		981-34-0

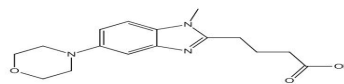
Code	Product Name	Structure	CAS No.
ACI 022419	<b>Beclometasone dipropionate Imp. S (EP):</b> 9-chloro-16 $\beta$ -methyl-3,20-dioxopregna-1,4-diene-11 $\beta$ ,17,21-triyl tripropanoate (beclometasone tripropionate)		n/a
ACI 022421	<b>Beclometasone dipropionate Imp. U (EP):</b> 9,11 $\beta$ -epoxy-21-hydroxy-16 $\beta$ -methyl-3,20-dioxo-9 $\beta$ -pregna-1,4-dien-17-yl propanoate		79578-39-5
ACI 022422	<b>Beclometasone dipropionate Imp. V (EP):</b> 9,11 $\beta$ -epoxy-17-hydroxy-16 $\beta$ -methyl-3,20-dioxo-9 $\beta$ -pregna-1,4-dien-21-yl propanoate		205105-83-5
ACI-022408	<b>Beclometasone Dipropionate Imp. H (EP):</b> (11 $\beta$ ,16 $\beta$ )-9-Chloro-11,21-dihydroxy-16-methyl-17-(1-oxopropoxy)-pregna-1,4-diene-3,20-dione		5534-18-9
<b>Bempedoic</b>			
ACI 024718	<b>Bempedoic acid Impurity (Active metabolite ESP15228):</b> 2,2,14,14-Tetramethyl-8-oxopentadecanedioic Acid		413624-71-2
<b>Benazepril</b>			
ACI 023400	<b>Benazepril:</b> (3S)-3-[[[(1S)-1-(Ethoxycarbonyl)-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic Acid Hydrochloride		86541-74-4
ACI 023401	<b>Benazepril hydrochloride Imp.A (EP) as HCl salt :</b> [(3R)-3-[[[(1R)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-1-yl]acetic acid hydrochloride		215447-89-5

Code	Product Name	Structure	CAS No.
ACI 023402	<b>Benazepril Imp. B (EP) as Hydrochloride salt:</b> [(3RS)-3-[[[(1SR)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-1-yl]acetic acid monohydrochloride		86541-77-7
ACI 023403	<b>Benazepril Imp. C (EP):</b> (3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic Acid		86541-78-8
ACI 023404	<b>Benazepril Imp. D (EP):</b> (3-(1-Ethoxycarbonyl-3-cyclohexyl-(1S)-propyl)amino-2,3,4,5-tetrahydro-2-oxo-1H-1-(3S)-benzazepine-1-acetic acid monohydrochloride)		n/a
ACI 023405	<b>Benazepril Imp E (EP):</b> (3-amino-2,3,4,5-tetrahydro-2-oxo-1H-1-(3S)-benzazepine-1-acetic acid, monohydrochloride		88372-47-8
ACI 023406	<b>Benazepril Imp F (EP):</b> 1,1-dimethylethyl[(3S)-3-amino-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-1-yl]acetate		109010-60-8
ACI 023407	<b>Benazepril Imp G (EP):</b> Ethyl (2S)-2-[[[(3S)-1-(2-ethoxy-2-oxoethyl)-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-3-yl]amino]-4-phenylbutanoate		103129-58-4
ACI 023409	<b>Benazepril Impurity as Hydrochloride salt:</b> (3S)-3-[[[(1R)-1-(Ethoxycarbonyl)-3-phenyl propyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid monohydrochloride		86541-77-7

Code	Product Name	Structure	CAS No.
ACI 023414	<b>Benazepril Impurity as Hydrochloride salt:</b> (3R)-3-[[[(1S)-1-(Ethoxycarbonyl)-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic Acid Hydrochloride		NA
<b>Bendamustine</b>			
ACI 021711	<b>Bendamustine Impurity:</b> 2-[4-(2-oxocyclopentylmethyl)-phenyl]methylketone		96824-28-1
ACI 021712	<b>Bendamustine Impurity:</b> 6-[4-(1-Carboxy-ethyl)-phenyl]-5-oxo-hexanoic acid		1091621-61-2
ACI 021714	<b>Bendamustine Impurity:</b> 4-{5-[(2-Chloro-ethyl)-(2-hydroxy-ethyl)-amino]-1-methyl-1H-benzimidazole-2-yl)-butyric acid isorpopyl ester (HP-1 Ester Impurity)		n/a
ACI 021715	<b>Bendamustine Impurity:</b> 5-[bis(2-Hydroxyethyl)amino]-1-methyl-1H-Benzimidazole-2-butanoic acid (Dihydroxy Bendamustine)		109882-30-6
ACI 021716	<b>Bendamustine Impurity:</b> 5-[bis(2-Hydroxyethyl)amino]-1-methyl-H-Benzimidazole-2-butanoic acid ethyl ester		3543-74-6
ACI 021717	<b>Bendamustine Impurity:</b> 4-(6-(2-Chloroethyl)-3-methyl-3,6,7,8-tetrahydroimidazo[4',5':5,6]benzo[1,2-b][1,4]thiazin-2-yl)butanoic Acid Hydrochloride		191939-34-1

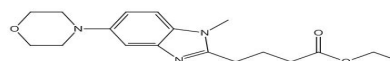
Code	Product Name	Structure	CAS No.
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ACI 021719 **Bendamustine Ether Impurity:** 1-Methyl-5-(4-morpholinyl)-1H-benzimidazole-2-butanoic acid



1228552-02-0

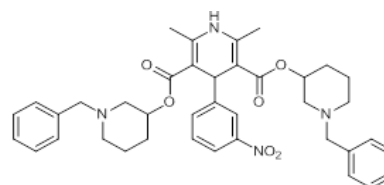
ACI 021720 **Bendamustine Ether Ethyl ester Impurity:** Ethyl 1-methyl-5-(4-morpholinyl)-1H-benzimidazole-2-butanoate



1366085-75-7

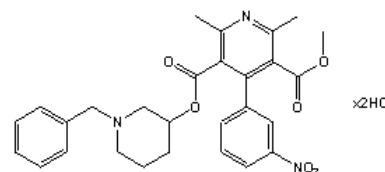
## Bendipine

ACI 023111 **Bendipine Impurity:** Bis(1-benzylpiperidin-4-yl) 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate



91599-15-6

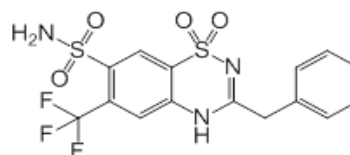
ACI 023112 **Bendipine Impurity as dihydrochloride:** 2,6-Dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic Acid 3-Methyl 5-[1-(Phenylmethyl)-3-piperidinyl] Ester dihydrochloride (Dehydro Bendipine)



129262-07-3

## Bendroflumethiazide

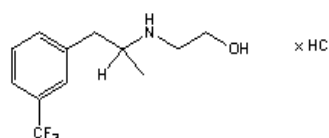
ACI 021902 **Bendroflumethiazide Impurity:** 3-Benzyl-6-(trifluoromethyl)-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide



859-26-7

## Benfluorex

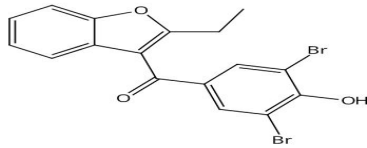
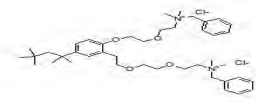
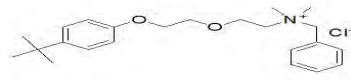
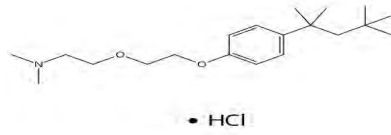
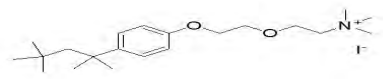

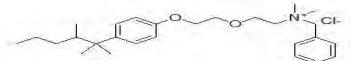
ACI 021504 **Benfluorex Hydrochloride Imp. D (EP) as Hydrochloride:** 2-[[[(1R)-1-Methyl-2-[3-(trifluoromethyl)phenyl]ethyl]amino] ethanol Hydrochloride



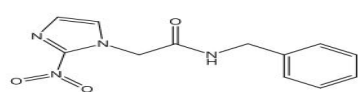
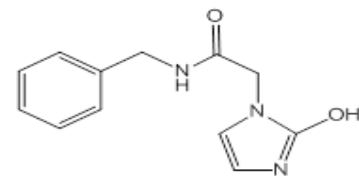
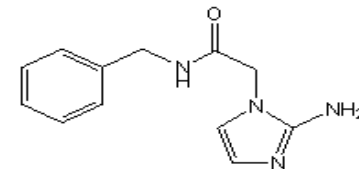
54779-69-0

## Benzbromarone

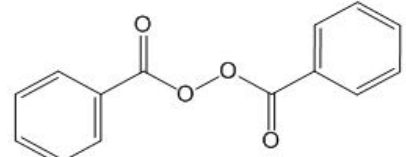


Code	Product Name	Structure	CAS No.
ACI 023300	<b>Benzbromarone:</b> (3,5-Dibromo-4-hydroxyphenyl)-(2-ethyl-1-benzofuran-3-yl)methanone		3562-84-3
<b>Benzethonium</b>			
ACI 026311	<b>Benzethonium chloride Impurity:</b> bisquat (Diamidation BZT)		NA
ACI 026312	<b>Benzethonium chloride Impurity:</b> 2-(2-(4-(tert-butyl)phenoxy)ethoxyethyl dimethyl benzyl ammonium chloride ( p-tert-Butylphenol-BZC or PTBP-BZC)		NA
ACI 026313	<b>Benzethonium chloride Impurity:</b> N,N-Dimethyl-2-[2-[4-(1,1,3,3-tetramethylbutyl) phenoxy]ethoxy]ethana-mine hydrochloride		63784-92-9
ACI 026314	<b>Benzethonium chloride Impurity:</b> N,N,N-trimethyl-2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]-Ethanaminium iodide		NA
ACI 026315	<b>Benzethonium chloride Impurity:</b> 2-(2-(4-(1,3-dimethylpentyl)phenoxy)ethoxyethyl dimethyl benzyl ammonium chloride (BZC Et)		NA
ACI 026316	<b>Benzethonium chloride Impurity:</b> 2-(2-(4-(1,3-dimethylhexyl)phenoxy)ethoxyethyl)dimethylbenzyl ammonium chloride (BZC Pr)		NA

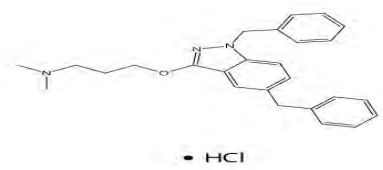
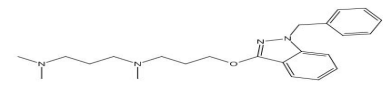
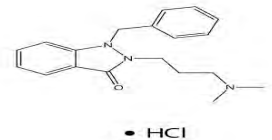
## Benzimidazole

Code	Product Name	Structure	CAS No.
ACI 024100	<b>Benznidazole:</b> 2-Nitro-N-(phenylmethyl)-1H-imidazole-1-acetamide		22994-85-0
ACI 024111	<b>Benznidazole Impurity:</b> N-Benzyl-2-(2-hydroxy-1H-imidazol-1-yl) acetamide		n/a
ACI 024112	<b>Benznidazole Impurity:</b> 2-(2-amino-1H-imidazol-1-yl)-N-benzylacetamide (Benznidazole amine)		n/a

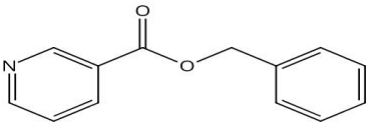
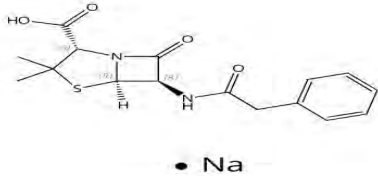
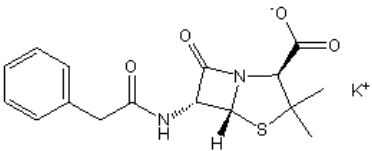
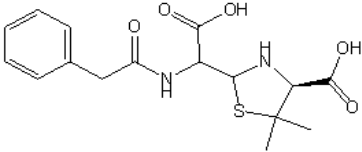
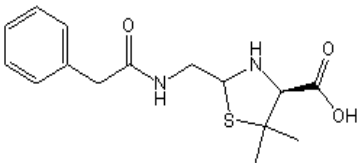
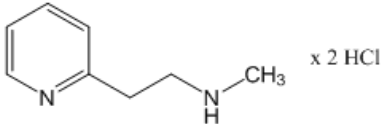
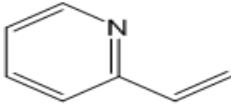
## Benzoyl

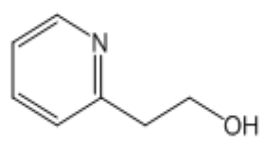
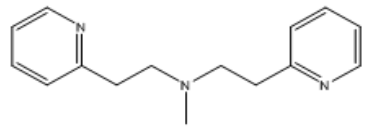
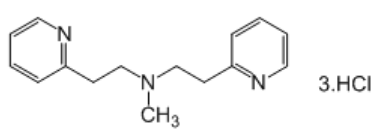
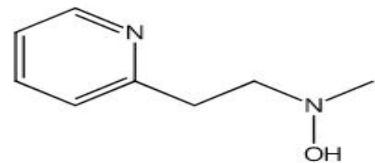
ACI 023600	<b>Benzoyl peroxide, hydrous</b> : Anhydrous benzoyl peroxide		94-36-0
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## Benzylamine

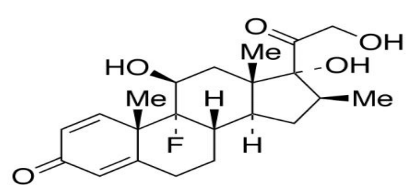
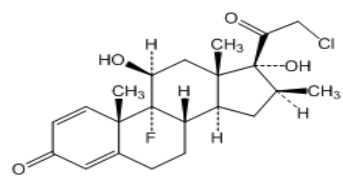
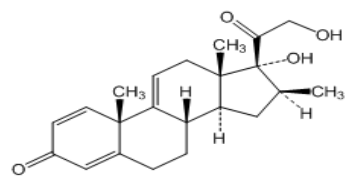
ACI 024302	<b>Benzylamine Hydrochloride Imp.B(EP):</b> 3-[(1,5-Dibenzyl-1H-indazol-3-yl)oxy]-N,N-dimethylpropan-1-amine hydrochloride		2196183-71-6
ACI 024304	<b>Benzylamine Hydrochloride Imp.D(EP):</b> N1-[3-[(1-benzyl-1H-indazol-3-yl)oxy]propyl]-N1,N3,N3-trimethylpropane-1,3-diamine		1337966-15-0
ACI 024305	<b>Benzylamine Hydrochloride Imp.E (EP) as HCl salt:</b> 1-benzyl-2-[3-(dimethylamino)propyl]-1,2-dihydro-3H-indazol-3-one hydrochloride		85284-06-6

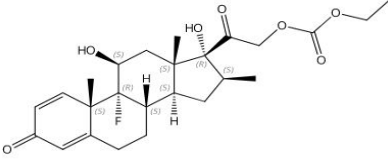
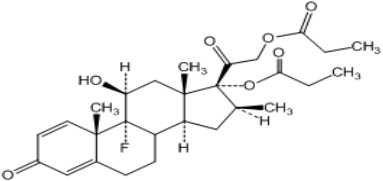
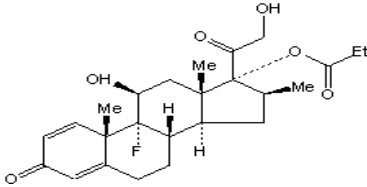
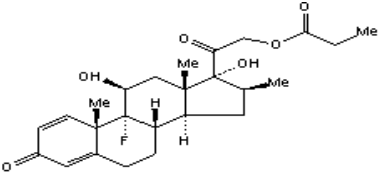
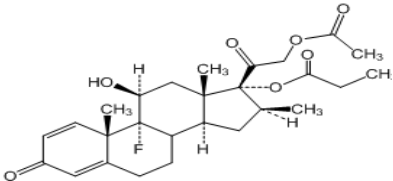
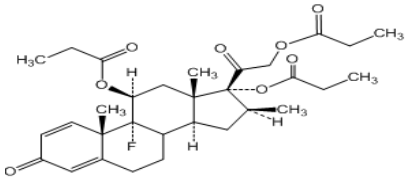
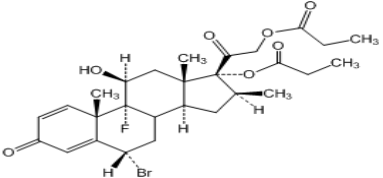
## Benzyl

Code	Product Name	Structure	CAS No.
ACI 023500	<b>Benzylic nicotinate:</b> Pyridine-3-carboxylic acid benzyl ester		94-44-0
ACI 022500	<b>Benzylic Penicillin Sodium:</b> (2S,5R,6R) 3,3- dimethyl-7- oxo- 6- [2- phenylacetyl) amino]-4- Thia-1- azabicyclo[3.2.0] heptane-2- carboxylic acid sodium salt (1:1)		69-57-8
<b>Benzylicpenicillin</b>			
ACI 021800	<b>Benzylicpenicillin potassium:</b> Potassium (2S,5R,6R)-3,3- dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylate		113-98-4
ACI 021805	<b>Benzylicpenicillin potassium Imp. E (EP):</b> (4S)-2-[carboxy [(phenylacetyl)amino]methyl]-5,5-dimethylthiazolidine-4- carboxylic acid (penicilloic acids of benzylicpenicillin),		13057-98-2
ACI 021806	<b>Benzylicpenicillin potassium Imp. F (EP):</b> (2RS,4S)-2- [[(Phenylacetyl)amino]methyl]-5,5-dimethylthiazolidine-4- carboxylic Acid		n/a
<b>Betahistine</b>			
ACI 020100	<b>Betahistine dihydrochloride:</b> N-Methyl-2-(pyridin-2-yl)ethanamine dihydrochloride		5579-84-0
ACI 020101	<b>Betahistine dihydrochloride Imp. A (EP):</b> 2- Ethenylpyridine (2-vinylpyridine)		100-69-6

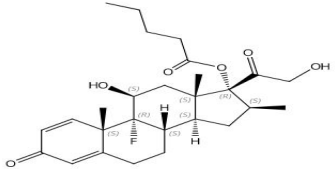
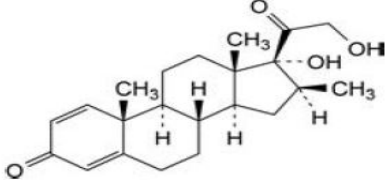
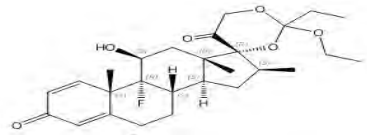
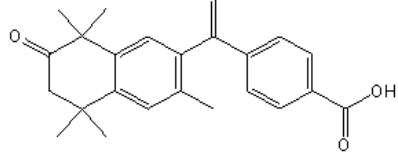
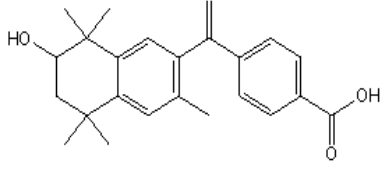
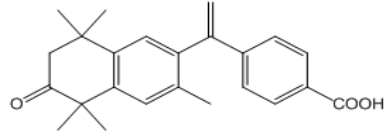
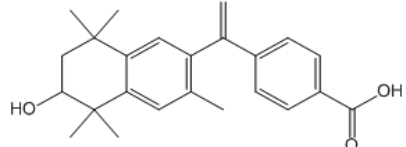
Code	Product Name	Structure	CAS No.
ACI 020102	<b>Betahistine dihydrochloride Imp. B (EP):</b> 2-(pyridin-2-yl)ethanol		103-74-2
ACI 020103	<b>Betahistine dihydrochloride Imp. C (EP):</b> N-methyl-2-(pyridin-2-yl)-N-[2-(pyridin-2-yl)ethyl]ethanamine		5452-87-9
ACI 020111	<b>Betahistine dihydrochloride Imp. C (EP) as trihydrochloride salt:</b> N-methyl-2-(pyridin-2-yl)-N-[2-(pyridin-2-yl)ethyl]ethanamine trihydrochloride	 3.HCl	n/a
ACI 020112	<b>Betahistine dihydrochloride Impurity :</b> 2-[2-(hydroxymethylamino)ethyl]-Pyridine		13585-92-7

## Betametasone

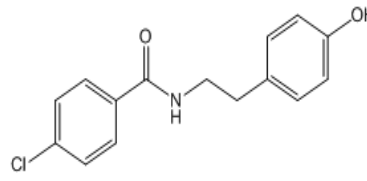
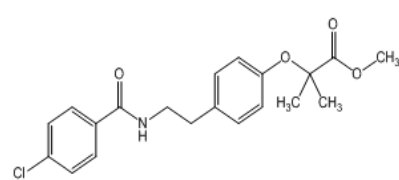
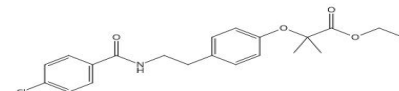
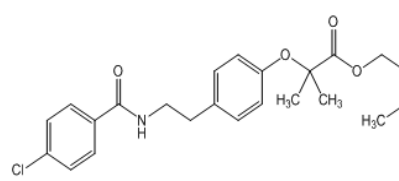
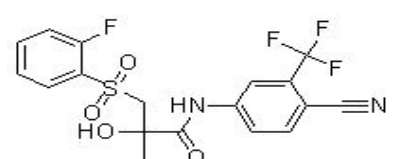
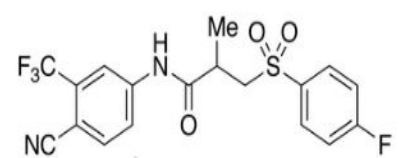
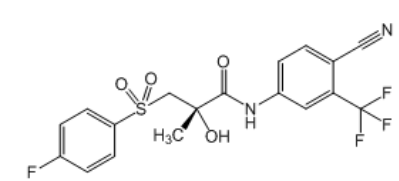
ACI 022600	<b>Betametasone:</b> (11 $\beta$ ,16 $\beta$ )-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione		378-44-9
ACI 022602	<b>Betametasone Imp. B (EP):</b> 21-chloro-9-fluoro-11 $\beta$ ,17-dihydroxy-16 $\beta$ -methylpregna-1,4-diene-3,20-dione		25122-41-2
ACI 022603	<b>Betametasone Imp. C (EP):</b> 17,21-dihydroxy-16 $\beta$ -methylpregna-1,4,9(11)-triene-3,20-dione		13504-15-9

Code	Product Name	Structure	CAS No.
ACI 022604	<b>Betametasone Imp. D (EP):</b> 9-fluoro-11 $\beta$ ,17-dihydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-dien-21-yl ethoxycarboxylate		52619-05-3
ACI 023000	<b>Betametasone Dipropionate:</b> 9-Fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-diene-17,21-diyl dipropanoate		5593-20-4
ACI 023002	<b>Betametasone Dipropionate Imp. B (EP):</b> 9-fluoro-11 $\beta$ ,21-dihydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-dien-17-yl propanoate (betamethasone 17-propionate),		5534-13-4
ACI 023003	<b>Betametasone Dipropionate Imp. C (EP):</b> 9-fluoro-11 $\beta$ ,17-dihydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-dien-21-yl propanoate (betamethasone 21-propionate)		75883-07-7
ACI 023004	<b>Betametasone Dipropionate Imp. D (EP):</b> 21-(acetyloxy)-9-fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-dien-17-yl propanoate (betamethasone 21-acetate 17-propionate),		5514-81-8
ACI 023007	<b>Betametasone Dipropionate Imp. G (EP):</b> 9-fluoro-16 $\beta$ -methyl-3,20-dioxopregna-1,4-diene-11 $\beta$ ,17,21-triyl tripropanoate (betamethasone tripropionate)		1186048-33-8
ACI 023008	<b>Betametasone Dipropionate Imp. H (EP):</b> 6a-bromo-9-fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-diene-17,21-diyl dipropanoate (6a-bromobetamethasone dipropionate)		1186048-34-9

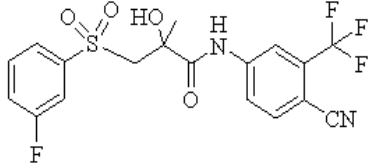
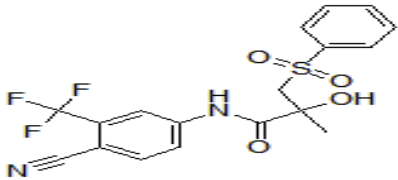
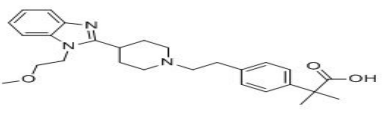
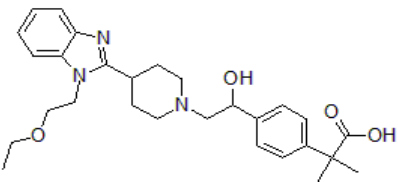
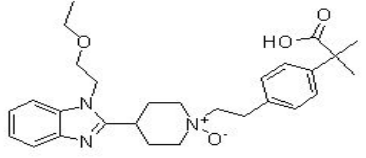
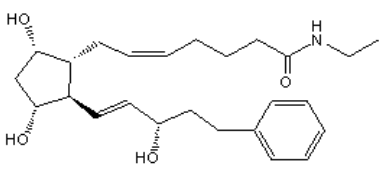
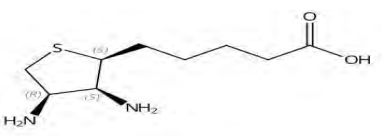
## Betamethasone

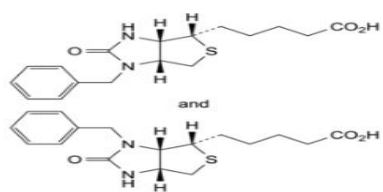
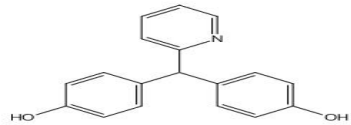
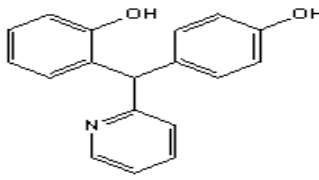
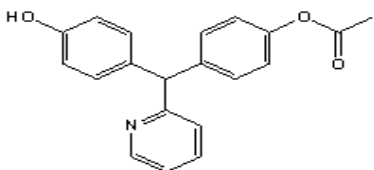
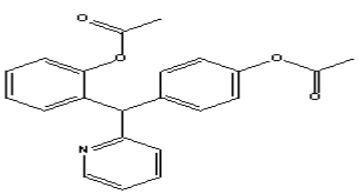
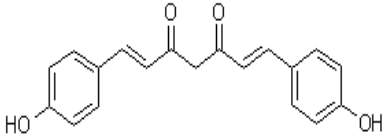
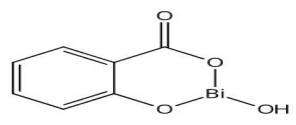
Code	Product Name	Structure	CAS No.
ACI 024500	<b>Betamethasone 17-Valerate (Desoxycortone acetate impurity):</b> (11 $\beta$ ,16 $\beta$ )-9-Fluoro-11,21-dihydroxy-16-methyl-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione		2152-44-5
ACI 022610	<b>Betamethasone Imp. J (EP):</b> 17,21-dihydroxy-16 $\beta$ -methylpregna-1,4-diene-3,20-dione		18383-24-9
ACI 022611	<b>Betamethasone Cyclic 17,21-(Ethyl Orthopropionate):</b> (11 $\beta$ ,16 $\beta$ )-17,21-[(1-ethoxypropylidene)bis(oxy)]-9-fluoro-11-hydroxy-16-methyl-pregna-1,4-diene-3,20-dione		1062-09-5
<b>Bexarotene</b>			
ACI 023711	<b>Bexarotene Impurity:</b> 4-[1-(5,6,7,8-Tetrahydro-3,5,5,8,8-pentamethyl-7-oxo-2-naphthalenyl) ethenyl]-benzoic Acid (7-oxo-Bexarotene)		368451-15-4
ACI 023712	<b>Bexarotene Impurity:</b> 4-[1-(5,6,7,8-Tetrahydro-7-hydroxy-3,5,5,8,8-pentamethyl-2-naphthalenyl) ethenyl]benzoic Acid (7-Hydroxy Bexarotene)		368451-10-9
ACI 023713	<b>Bexarotene Impurity:</b> 6-oxo-Bexarotene		368451-13-2
ACI 023714	<b>Bexarotene Impurity:</b> 4-[1-(5,6,7,8-Tetrahydro-6-hydroxy-3,5,5,8,8-pentamethyl-2-naphthalenyl) ethenyl]benzoic Acid (6-Hydroxy Bexarotene)		368451-07-4

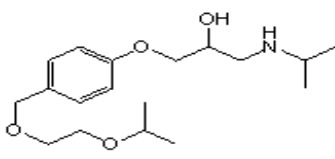
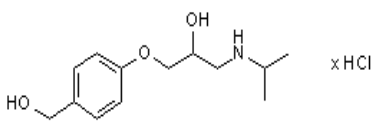
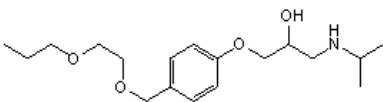
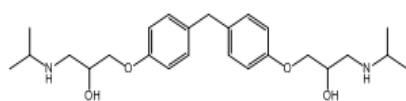
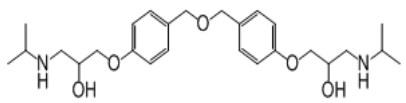
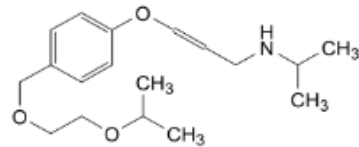
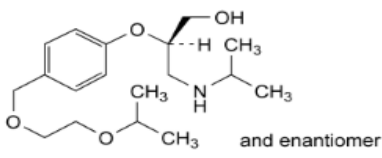
**Bezafibrate**

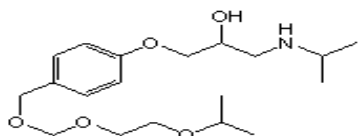
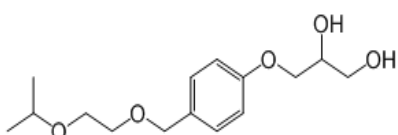
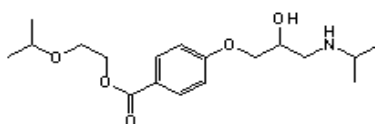
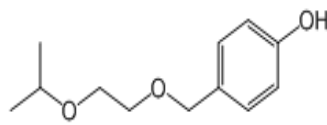
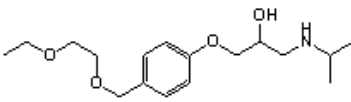
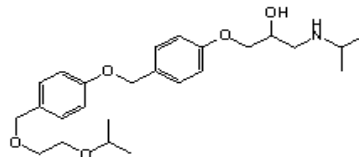
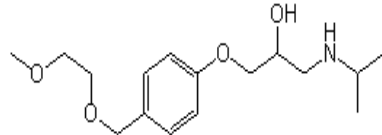
Code	Product Name	Structure	CAS No.
ACI 022701	<b>Bezafibrate Imp. A (EP):</b> 4-chloro-N-[2-(4-hydroxyphenyl)ethyl]benzamide		41859-57-8
ACI 022703	<b>Bezafibrate Imp. C (EP):</b> methyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropanoate		n/a
ACI 022704	<b>Bezafibrate Imp. D (EP):</b> ethyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropanoate		41859-58-9
ACI 022705	<b>Bezafibrate Imp. E (EP):</b> butyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropanoate		NA
<b>Bicalutamide</b>			
ACI 025802	<b>Bicalutamide imp.B (EP) :</b> (2RS)-N-[4-cyano-3-(trifluoromethyl)phenyl]-3-[(2-fluorophenyl)sulfonyl]-2-hydroxy-2-methylpropanamide		1159977-36-2
ACI 025803	<b>Bicalutamide imp.C (EP):</b> (2RS)-N-[4-cyano-3-(trifluoromethyl)phenyl]-3-[(4-fluorophenyl)sulfonyl]-2-methylpropanamide		906008-94-4
ACI 020300	<b>Bicalutamide:</b> (2RS)-N-[4-Cyano-3-(trifluoromethyl)phenyl]-3-[(4-fluorophenyl)sulfonyl]-2-hydroxy-2-methylpropanamide.		90357-06-5

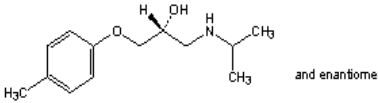
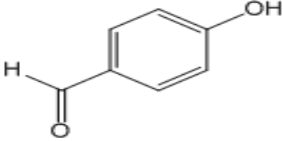
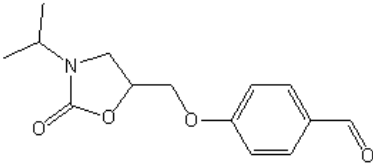
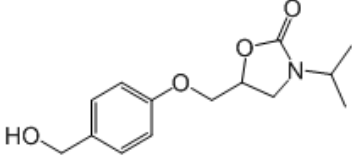
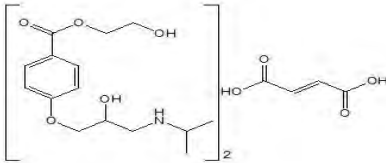
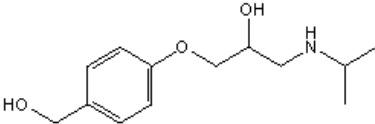
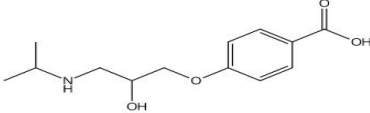


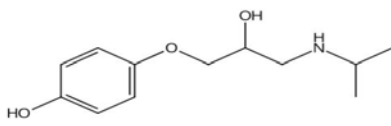
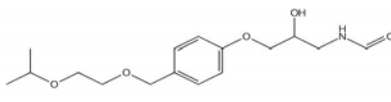
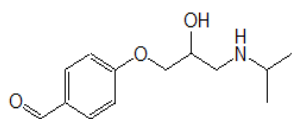
Code	Product Name	Structure	CAS No.
ACI 020321	<b>Bicalutamide Impurity:</b> (RS)-N-[4-cyano-3-(trifluoromethyl)phenyl]-3-(3-fluorophenylsulfonyl)-2-hydroxy-2-methylpropanamide		1166228-30-3
ACI-025801	<b>Bicalutamide imp.A (EP):</b> (2RS)-N-[4-cyano-3-(trifluoromethyl)phenyl]-2-hydroxy-2-methyl-3-(phenylsulfonyl)propanamide		90357-05-4
<b>Bilastine</b>			
ACI 024614	<b>Bilastine Impurity:</b> 2-(4-(2-(4-(1-(2-ethoxymethyl)-1H-benzo[d]imidazol-2-yl)piperidin-1-yl)ethyl)phenyl)-2-methylpropanoic acid		NA
ACI 024615	<b>Bilastine Impurity:</b> 1'-Hydroxy Bilastine		1638785-23-5
ACI 024616	<b>Bilastine N-Oxide impurity:</b> 1-(4-(2-Carboxypropan-2-yl)phenethyl)-4-(1-(2-ethoxyethyl)-1H-benzo[d]imidazol-2-yl)piperidine 1-Oxide		2069238-47-5
<b>Bimatoprost</b>			
ACI 020900	<b>Bimatoprost:</b> (5Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-[1-(E,3S)-3-hydroxy-5-phenyl-1-penten-1-yl]cyclopentyl]-N-ethyl-5-heptenamamide		155206-00-1
<b>Biotin</b>			
ACI 025603	<b>Biotin Imp.C(EP) as 2HBr Salt:</b> 5-[(2S,3S,4R)-3,4-diaminothiolan-2-yl]pentanoic acid dihydrobromide	 • 2 HBr	59654-17-0

Code	Product Name	Structure	CAS No.
ACI 025605	<b>Biotin Imp.E(EP):</b> 5-[(3aS,4S,6aR)-1-benzyl-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl]pentanoic acid and 5-[(3aS,4S,6aR)-3-benzyl-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl]pentanoic acid		NA
<b>Bisacodyl</b>			
ACI 021001	<b>Bisacodyl Imp. A (EP):</b> 4,4'-(pyridin-2-ylmethylene)diphenol		603-41-8
ACI 021002	<b>Bisacodyl Imp. B (EP):</b> 2-[(RS)-(4-hydroxyphenyl)(pyridin-2-yl)methyl]phenol		16985-05-0
ACI 021003	<b>Bisacodyl Imp. C (EP):</b> 4-[(RS)-(4-hydroxyphenyl)(pyridin-2-yl)methyl]phenyl acetate		72901-16-7
ACI 021005	<b>Bisacodyl Imp. E (EP):</b> 2-[(RS)-[4-(acetyloxy)phenyl](pyridin-2-yl)methyl]phenyl acetate		111664-35-8
<b>Bisdemethoxy</b>			
ACI 030704	<b>Bisdemethoxy curcumin:</b> 1,7-Bis(4-hydroxyphenyl)-1,6-heptadiene-3,5-dione		24939-16-0
<b>Bismuth</b>			
ACI 022900	<b>Bismuth subsalicylate:</b> 2-Hydroxy4H-1,3,2-Benzodioxabismine-4-one		14882-18-9

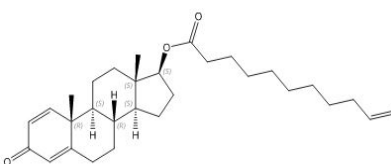
Code	Product Name	Structure	CAS No.
<b>Bisoprolol</b>			
ACI 020200	<b>Bisoprolol:</b> (2RS)-1-[4-[[2-(1-Methylethoxy)ethoxy]methyl]phenoxy]-3-[(1-methylethyl)amino]propan-2-ol		66722-44-9
ACI 020201	<b>Bisoprolol Fumarate Imp. A (EP) as Hydrochloride:</b> (RS)-1-(4-hydroxymethyl-phenoxy)-3-isopropylaminopropan-2-ol hydrochloride	 x HCl	62572-93-4
ACI 020202	<b>Bisoprolol Fumarate Imp. B (EP):</b> (2RS)-1-isopropylamino-3-[4-(2-propoxy-ethoxymethyl)phenoxy]propan-2-ol		1447715-44-7
ACI 020203	<b>Bisoprolol Fumarate Imp. C (EP):</b> 1-[4-[4-(2-hydroxy-3-isopropylamino-propoxy)benzyl]phenoxy]-3-isopropylaminopropan-2-ol		1225195-70-9
ACI 020204	<b>Bisoprolol Fumarate Imp. D (EP):</b> 1-[4-[4-(2-hydroxy-3-isopropylaminopropoxy) benzyloxymethyl] phenoxy]-3-isopropylaminopropan-2-ol		1225195-71-0
ACI 020205	<b>Bisoprolol Fumarate Imp. E (EP):</b> (EZ)-[3-[4-(2-isopropoxy-ethoxymethyl) phenoxy]allyl]isopropylamine		1217245-60-7
ACI 020206	<b>Bisoprolol Fumarate Imp. F (EP):</b> (2RS)-2-[4-(2-isopropoxy-ethoxymethyl) phenoxy]-3-isopropylaminopropan-2-ol	 and enantiomer	n/a

Code	Product Name	Structure	CAS No.
ACI 020207	<b>Bisoprolol fumarate Imp. G (EP):</b> (2RS)-1-[4-[(2-isopropoxyethoxy) methoxy]methyl]phenoxy]-3-isopropylaminopropan-2-ol		1215342-36-1
ACI 020210	<b>Bisoprolol fumarate Imp. J (Pharmaeuropa):</b> (2RS)-3-[4-((2-Isopropoxyethoxy)methyl)phenoxy]-1,2-propanediol		1797024-50-0
ACI 020211	<b>Bisoprolol fumarate Imp. K (EP):</b> 2-isopropoxyethyl 4-[[[(2RS)-2-hydroxy-3-(isopropylamino)propyl]oxy]benzoate		1346603-26-6
ACI 020213	<b>Bisoprolol Fumarate Imp. M (EP):</b> 4-[(2-Isopropoxyethoxy)methyl]phenol		177034-57-0
ACI 020214	<b>Bisoprolol Fumarate Imp. N (EP) as Hydrochloride:</b> (2RS)-1-[4-[(2-ethoxyethoxy)methyl]phenoxy]-3-isopropylaminopropan-2-ol hydrochloride		n/a
ACI 020215	<b>Bisoprolol Fumarate Imp. O (Pharmaeuropa):</b> (2RS)-1-[4-((4-((2-isopropoxyethoxy)methyl)phenoxy)methyl)phenoxy]-3-(isopropylamino)-2-propanol		n/a
ACI 020217	<b>Bisoprolol Fumarate Imp. Q (EP):</b> (2RS)-1-(isopropylamino)-3-[4-(2-methoxyethoxy)methyl]phenoxypropan-2-ol		1346604-00-9

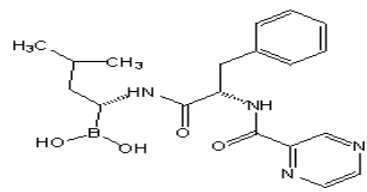
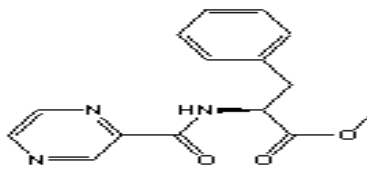
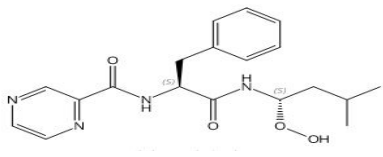
Code	Product Name	Structure	CAS No.
ACI 020218	<b>Bisoprolol Fumarate Imp. R (EP):</b> (2RS)-1-(isopropylamino)-3-(4-methylphenoxy)propan-2-ol		5790-46-5
ACI 020219	<b>Bisoprolol Fumarate Imp. S (EP):</b> 4-Hydroxybenzaldehyde,		123-08-0
ACI 020220	<b>Bisoprolol Fumarate Imp. T (EP):</b> 4-[(3-isopropyl-2-oxo-1,3-oxazolidin-5-yl)methoxy]benzaldehyde		1173203-26-3
ACI 020221	<b>Bisoprolol Fumarate Imp. U (EP):</b> 5-[[4-(hydroxymethyl)phenoxy]methyl]-3-isopropyl-1,3-oxazolidin-2-one		1071765-44-0
ACI 020227	<b>Bisoprolol Fumarate Impurity:</b> 2-Hydroxyethyl-4-(((2RS)-2-hydroxy-3-(isopropylamino)propyl)oxy)benzoate		NA
ACI 020228	<b>Bisoprolol Fumarate Imp. A (EP):</b> (RS)-1-(4-hydroxymethyl-phenoxy)-3-isopropylaminopropan-2-ol		62572-93-4
ACI 020229	<b>Bisoprolol Fumarate Impurity:</b> 4-(2-Hydroxy-3-isopropylaminopropoxy)benzoic acid		NA

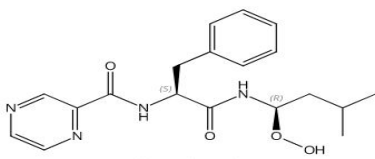
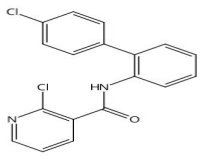
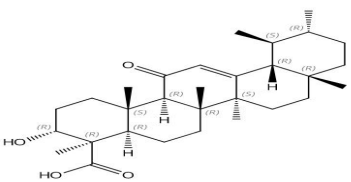
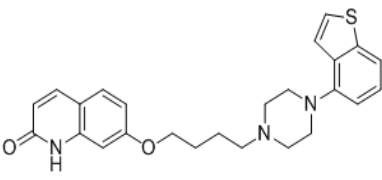
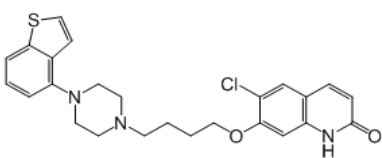
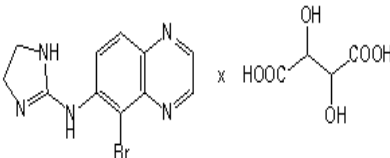
Code	Product Name	Structure	CAS No.
ACI 020230	<b>Bisoprolol Fumarate Impurity:</b> 4-(2-Hydroxy-3-(isopropylamino)propoxy)phenol		62340-37-8
ACI 020231	<b>Bisoprolol Fumarate Impurity:</b> N-[2-Hydroxy-3-[4-[[2-(1-methylethoxy)ethoxy]methyl]phenoxy]propyl]formamide		1346602-59-2
ACI 130103	<b>Bisoprolol Fumarate Imp. L (EP):</b> 4-[(2RS)-2-Hydroxy-3-[(1-methylethyl)amino]propoxy]benzaldehyde		29122-74-5

## Boldenone

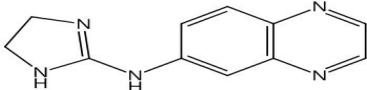
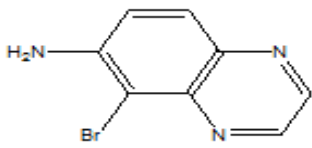
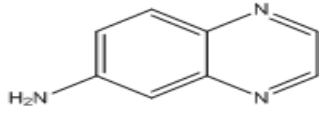
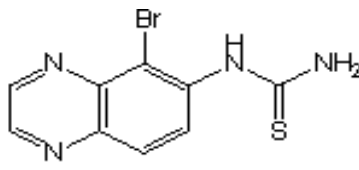
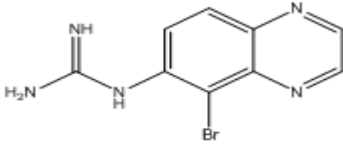
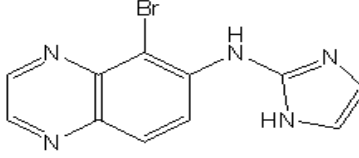
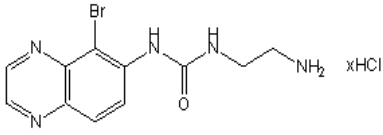
ACI 025700	<b>Boldenone undecylenate:</b> (17 $\beta$ )-17-[(1-Oxo-10-undecenyl)oxy]androsta-1,4-dien-3-one		13103-34-9
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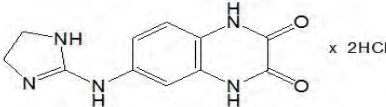
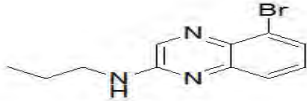
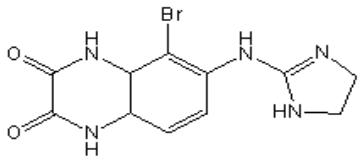
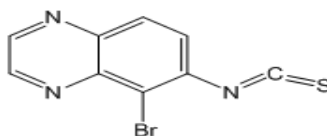
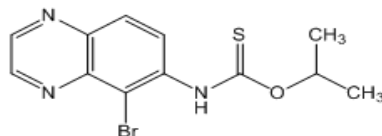
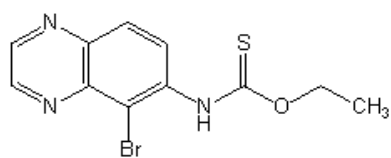
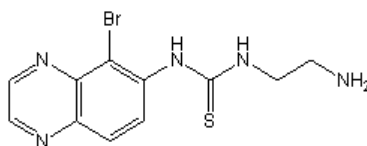
## Bortezomib

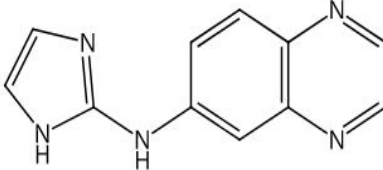
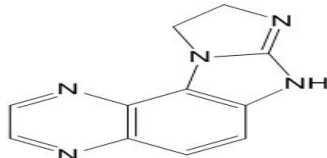
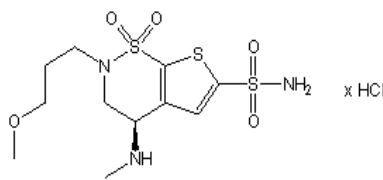
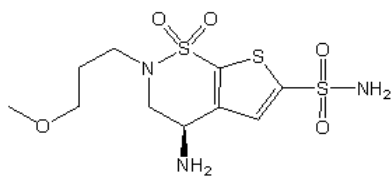
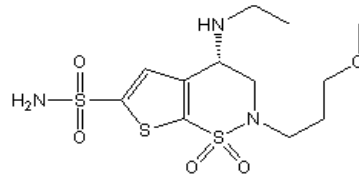
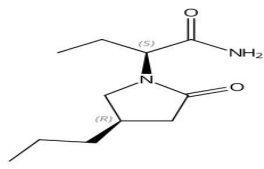
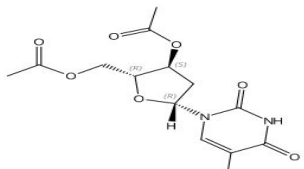
ACI 021600	<b>Bortezomib:</b> B-[(1R)-3-methyl-1-[[[(2S)-1-oxo-3-phenyl-2-[(2-pyrazinylcarbonyl) amino]propyl]amino]butyl]-Boronic acid		179324-69-7
ACI 021612	<b>Bortezomib Impurity:</b> (S)-3-Phenyl-2- [(pyrazine-2-carbonyl)-amino]-propionic acid methylester		73058-37-4
ACI 021614	<b>Bortezomib S-hydroperoxide:</b> N-((S)-1-(((S)-1-Hydroperoxy-3-methylbutyl)amino)-1-oxo-3-phenylpropan-2-yl)pyrazine-2-carboxamide		886979-81-3

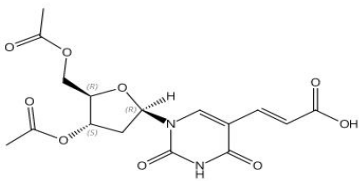
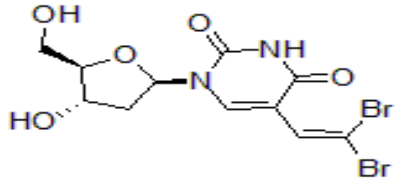
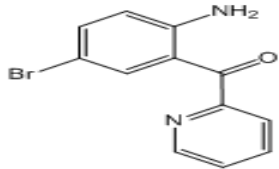
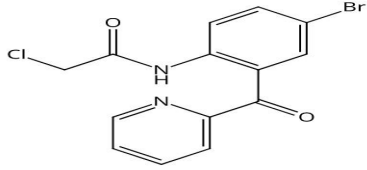
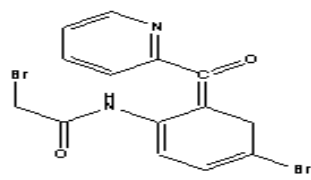
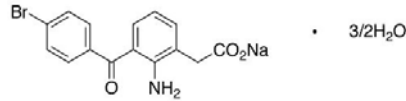
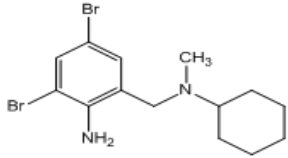
Code	Product Name	Structure	CAS No.
ACI 021615	<b>Bortezomib R-hydroperoxide:</b> N-((S)-1-(((R)-1-Hydroperoxy-3-methylbutyl)amino)-1-oxo-3-phenylpropan-2-yl)pyrazine-2-carboxamide		886979-78-8
<b>Boscalid</b>			
ACI 026000	<b>Boscalid:</b> 2-Chloro-N-(4'-chloro-[1,1'-biphenyl]-2-yl)nicotinamide		188425-85-6
<b>Boswellia</b>			
ACI 020903	<b>Boswellia serrata:</b> 11-keto-β-Boswellic acid		17019-92-0
<b>Brexpiprazole</b>			
ACI 024200	<b>Brexpiprazole:</b> 7-[4-[4-(1-benzothiophen-4-yl)piperazin-1-yl]butoxy]-1H-quinolin-2-one		913611-97-9
ACI 024211	<b>Brexpiprazole Impurity:</b> 7-(4-(4-(benzo[b]thiophen-4-yl)piperazin-1-yl)butoxy)-6-chloroquinolin-2(1H)-one(6-Chloroquinoline Impurity)		NA
<b>Brimonidine</b>			
ACI 020800	<b>Brimonidine tartrate:</b> 5-Bromo-N-(4,5-dihydro-1H-imidazol-2-yl)-6-quinoxalinamine tartrate		70359-46-5

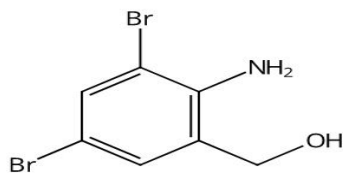
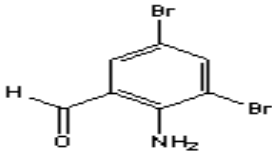
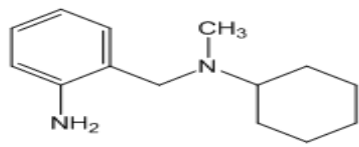
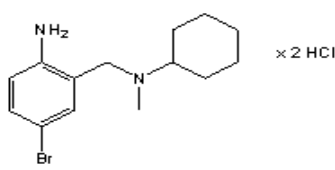
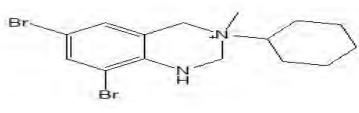
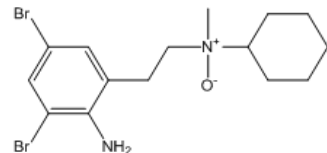


Code	Product Name	Structure	CAS No.
ACI 020801	<b>Brimonidine tartrate Imp A (Pharmeuropa):</b> N-(4,5-dihydro-1H-imidazol-2-yl)quinoxalin-6-amine		91147-43-2
ACI 020802	<b>Brimonidine tartrate Imp B (Pharmeuropa):</b> 5-bromoquinoxalin-6-amine		50358-63-9
ACI 020803	<b>Brimonidine tartrate Imp C (Pharmeuropa):</b> Quinoxalin-6-amine		6298-37-9
ACI 020804	<b>Brimonidine tartrate Imp D (Pharmeuropa):</b> N-(4,5-dihydro-1H-imidazol-2-yl)quinoxalin-6-amine		842138-74-3
ACI 020805	<b>Brimonidine tartrate Imp E (Pharmeuropa):</b> 1-(5-bromoquinoxalin-6-yl)guanidine		168329-48-4
ACI 020806	<b>Brimonidine tartrate Imp F (EP):</b> 5-Bromo-N-(1H-imidazol-2-yl)quinoxalin-6-amine		151110-15-5
ACI 020807	<b>Brimonidine tartrate Imp G (EP) as Hydrochloride salt:</b> 1-(2-Aminoethyl)-3-(5-bromoquinoxalin-6-yl)urea Hydrochloride		1216379-05-3

Code	Product Name	Structure	CAS No.
ACI 020811	<b>Brimonidine tartrate Impurity as dihydrochloride:</b> 6-(2-imidazoline-2-ylideneamino)-1,2,3,4-tetrahydroquinoxalin-2,3-dione dihydrochloride		NA
ACI 020813	<b>Brimonidine tartrate Impurity:</b> N-propylamino-5-bromoquinoxaline		NA
ACI 020814	<b>Brimonidine tartrate Impurity:</b> 5-Bromo-6-(imidazolidine-2-ylidinanine)-1,2,3,4-tetrahydroquinoxalin-2,3-dione		182627-95-8
ACI 020815	<b>Brimonidine tartrate Impurity:</b> 5-Bromo-6-isothiocyanatoquinoxaline		134892-46-9
ACI 020816	<b>Brimonidine tartrate Impurity:</b> O-Isopropyl(5-bromoquinoxaline-6-yl)thiocarbamate		NA
ACI 020817	<b>Brimonidine tartrate Impurity:</b> 5-Bromo-6-N-2-(ethoxythiocarbonyl)aminoquinoxaline.		842138-75-4
ACI 020818	<b>Brimonidine tartrate Impurity:</b> 1-(2-Aminoethyl)-3-(5-bromoquinoxalin-6-yl)thiourea		134892-47-0

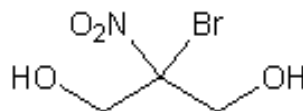
Code	Product Name	Structure	CAS No.
ACI 020819	<b>Brimonidine tartrate Impurity:</b> N-1H-Imidazol-2-yl-6-quinoxalinamine		185312-10-1
ACI 020820	<b>Brimonidine Tartarate Cyclized impurity:</b> 9,10-Dihydro-7H-imidazo[2',1':2,3]imidazo[4,5-f]quinoxaline		-
<b>Brinzolamide</b>			
ACI 022311	<b>Brinzolamide impurity as hydrochloride:</b> (4R)-2-(3-methoxypropyl)-4-(methylamino)-3,4-dihydro-2H-thieno[3,2,-e][1,2]thiazine-6-sulfonamide 1,1-dioxide hydrochloride		n/a
ACI 022312	<b>Brinzolamide impurity:</b> (R)-4-Amino-2,3-dihydro-2-(3-methoxypropyl)-4H-thieno-[3,2,e]-thiazine-6-sulfonamide-1,1-dioxide ethanedioate		404034-55-5
ACI 022313	<b>Brinzolamide impurity:</b> (S)-(-)-4-ethylamino-2,3-dihydro-2-(3-methoxypropyl)-4H-thieno-[3,2,e]-thiazine-6-sulfonamide-1,1-dioxide		154127-19-2
<b>Brivaracetam</b>			
ACI 026100	<b>Brivaracetam:</b> (αS,4R)-α-Ethyl-2-oxo-4-propyl-1-pyrrolidineacetamide		357336-20-0
<b>Brivudine</b>			
ACI 025911	<b>Brivudine impurity :</b> 3',5'-Di-O-acetylthymidine		6979-97-1

Code	Product Name	Structure	CAS No.
ACI 025912	<b>Brivudine Impurity</b> : (E)-3-(1-((2R,4S,5R)-4-acetoxy-5-(acetoxymethyl)tetrahydrofuran-2-yl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)acrylic acid		114192-44-8
ACI 025913	<b>Brivudine impurity</b> : 5-(2,2-Dibromovinyl)-2'-deoxyuridine		61135-36-2
<b>Bromazepam</b>			
ACI 022801	<b>Bromazepam Imp. A (EP)</b> : (2-Amino-5-bromophenyl) (pyridin-2-yl)methanone		1563-56-0
ACI 022802	<b>Bromazepam Imp. B (EP)</b> : N-[4-Bromo-2-(pyridin-2-ylcarbonyl)phenyl]-2-chloroacetamide		41526-21-0
ACI 022805	<b>Bromazepam Imp. E (EP)</b> : 2-Bromo-N-[4-bromo-2-(pyridin-2-ylcarbonyl) phenyl] acetamide		1694-64-0
<b>Bromfenac</b>			
ACI 026200	<b>Bromfenac Sodium Sesquihydrate</b> : 2-Amino-3-(4-bromobenzoyl)benzeneacetic Acid Sodium salt hydrate		120638-55-3
<b>Bromhexine</b>			
ACI 020600	<b>Bromhexine Hydrochloride</b> : 2,4-Dibromo-6-[[cyclohexyl (methyl)amino]methyl]aniline hydrochloride		611-75-6

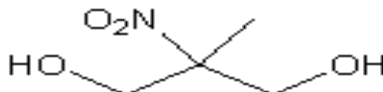
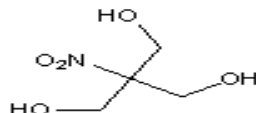
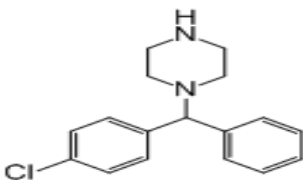
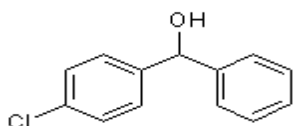
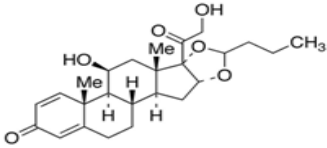
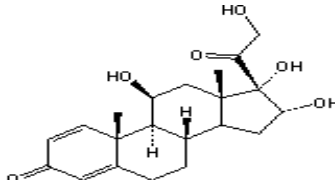
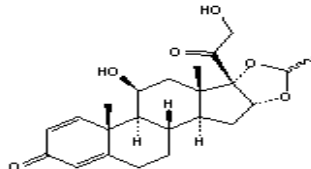
Code	Product Name	Structure	CAS No.
ACI 020601	<b>Bromhexine Hydrochloride Imp. A (EP):</b> (2-Amino-3,5-dibromophenyl)methanol		50739-76-9
ACI 020602	<b>Bromhexine Hydrochloride Imp. B (EP):</b> 2-Amino-3,5-dibromobenzaldehyde		50910-55-9
ACI 020603	<b>Bromhexine Hydrochloride Imp. C (EP):</b> N-(2-aminobenzyl)-N-methylcyclohexanamine		57365-08-9
ACI 020604	<b>Bromhexine Hydrochloride Imp. D (EP) as dihydrochloride:</b> N-(2-amino-5-bromobenzyl)-N-methylcyclohexanamine dihydrochloride		10076-98-9
ACI 020605	<b>Bromhexine Hydrochloride Imp. E (EP):</b> (3RS)-6,8-dibromo-3-cyclohexyl-3-methyl-1,2,3,4-tetrahydroquinazolin-3-ium		NA
ACI 020611	<b>Bromhexine Hydrochloride Impurity:</b> Bromhexine N-oxide		NA

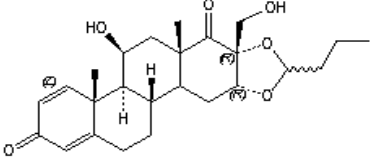
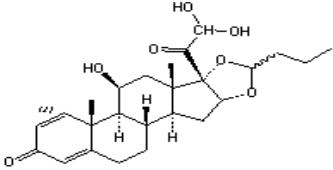
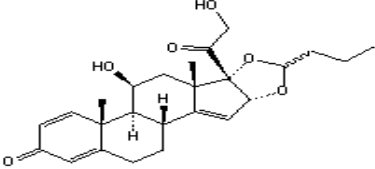
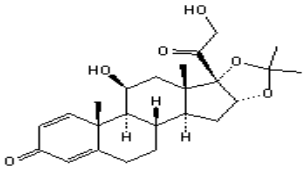
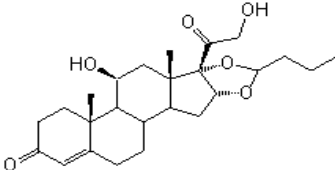
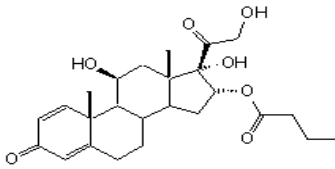
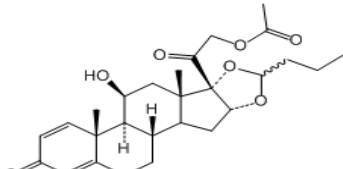
## Bronopol

ACI 021100 **Bronopol:** 2-Bromo-2-nitro-1,3-propanediol

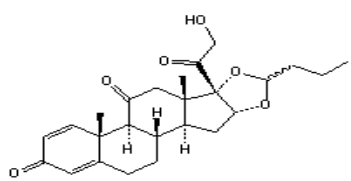
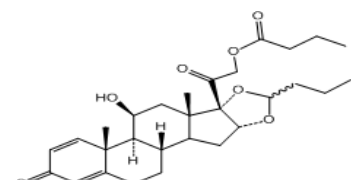
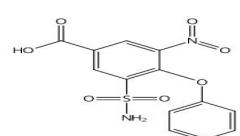
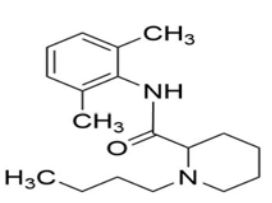
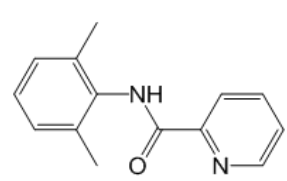
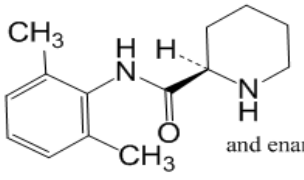
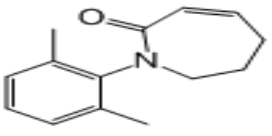


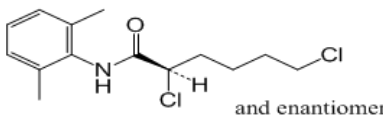
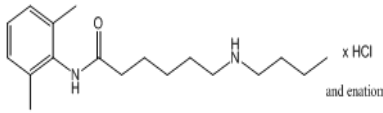
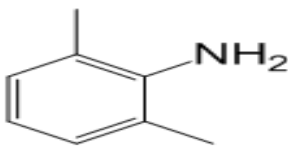
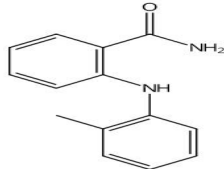
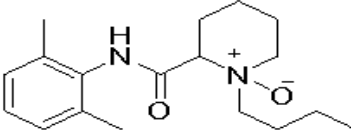
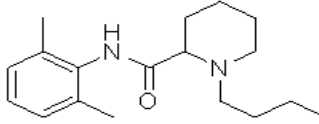
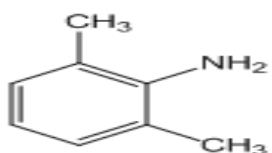
52-51-7

Code	Product Name	Structure	CAS No.
ACI 021111	<b>Bronopol:</b> 2-Methyl-2-nitropropane-1,3-diol		77-49-6
ACI 021112	<b>Bronopol:</b> tris(hydroxymethyl)nitromethane		126-11-4
<b>Bucizine</b>			
ACI 020401	<b>Bucizine Hydrochloride Impurity:</b> 4-Chlorobenzhydryl piperazine		303-26-4
ACI 020402	<b>Bucizine Hydrochloride Impurity:</b> 4-Chlorobenzhydryl		119-56-2
<b>Budesonide</b>			
ACI 020500	<b>Budesonide:</b> 16a,17-[(1RS)-butylidenebis(oxy)]-11β,21-dihydroxypregna-1,4-diene-3,20-dione (Mixture of C-22S (epimer A) and the C-22R (epimer B))		51333-22-3
ACI 020501	<b>Budesonide Imp. A (EP):</b> 11β,16a,17,21-tetrahydroxypregna-1,4-diene-3,20-dione		13951-70-7
ACI 020502	<b>Budesonide Imp. B (EP):</b> 16a,17-[(1RS)-Ethylidenebis(oxy)]-11β,21-dihydroxypregna-1,4-diene-3,20-dione		1040085-98-0

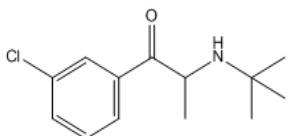
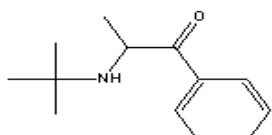
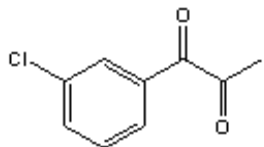
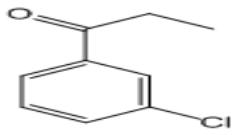
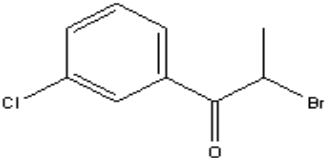
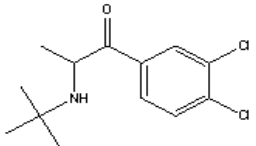
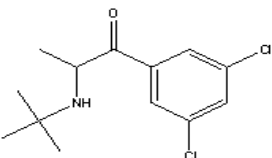
Code	Product Name	Structure	CAS No.
ACI 020503	<b>Budesonide Imp. C (EP):</b> 16a,17-[(1RS)-butylidenebis (oxy)] -11 $\beta$ -hydroxy-17-(hydroxymethyl)-D-homoandrosta-1,4-diene-3,17a-dione		1040085-99-1
ACI 020504	<b>Budesonide Imp. D (EP):</b> 16a,17-[(1RS)-butylidenebis (oxy)]-11 $\beta$ -hydroxy-3,20-dioxopregna-1,4-dien-21-al		85234-63-5
ACI 020505	<b>Budesonide Imp. E (EP):</b> 16a,17-[(1RS)-butylidenebis (oxy)] -11 $\beta$ ,21-dihydroxypregna-1,4,14-triene-3,20-dione		131918-64-4
ACI 020506	<b>Budesonide Imp. F (EP):</b> 16a,17-[1-Methylethylidenebis (oxy)] -11 $\beta$ ,21-dihydroxypregna-1,4-diene-3,20-dione		638-94-8
ACI 020507	<b>Budesonide Imp. G (EP):</b> 16a,17-[(1RS)-Butylidenebis (oxy)]-11 $\beta$ ,21-dihydroxypregn-4-ene-3,20-dione		137174-25-5
ACI 020509	<b>Budesonide Imp. I (EP):</b> 11 $\beta$ ,17,21-trihydroxy- 3,20-dioxopregna-1,4-dien-16a-yl butanoate		113930-13-5
ACI 020511	<b>Budesonide Imp. K (EP):</b> 16a,17-[(1RS)-butylidenebis (oxy)]-11 $\beta$ ,21-dihydroxypregna-1,4-diene-3,20-dione-21-acetate		51333-05-2

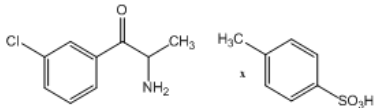
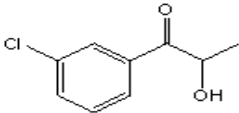
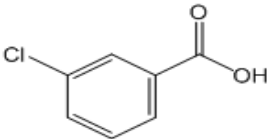
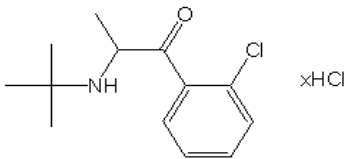
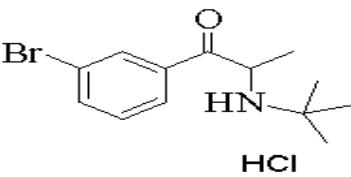
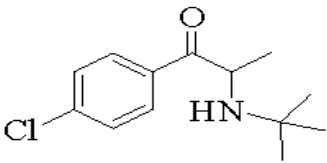
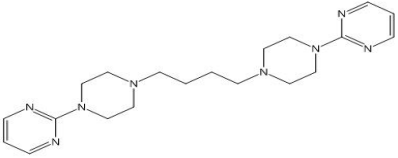


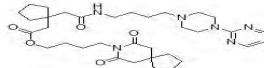
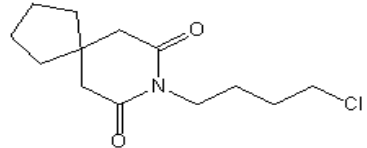
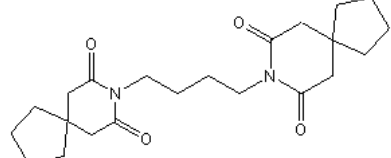
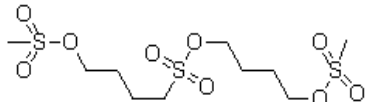
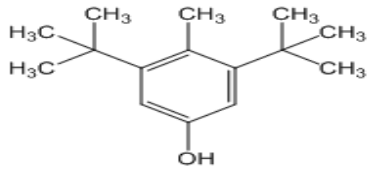
Code	Product Name	Structure	CAS No.
ACI 020512	<b>Budesonide Imp. L (EP):</b> 16 $\alpha$ ,17-[(1RS)-butylidenebis(oxy)]-21-hydroxypregna-1,4-diene-3,11,20-trione		216453-74-6
ACI 020521	<b>Budesonide Impurity:</b> 16 $\alpha$ ,17-[(1RS)-Butylidenebis(oxy)]-11 $\beta$ ,21-dihydroxypregna-1,4-diene-3,20-dione-21-butyrate		NA
<b>Bumetanide</b>			
ACI 025101	<b>Bumetanide Imp.A(EP) :</b> 3-nitro-4-phenoxy-5-sulfamoylbenzoic acid		28328-53-2
<b>Bupivacaine</b>			
ACI 022200	<b>Bupivacaine hydrochloride:</b> 1-Butyl-N-(2,6-dimethylphenyl)-2-piperidinecarboxamide Monohydrochloride Monohydrate	 <ul style="list-style-type: none"> <li>• HCl</li> <li>• H<sub>2</sub>O</li> </ul>	73360-54-0
ACI 022201	<b>Bupivacaine hydrochloride Imp. A (EP):</b> N-(2,6-dimethylphenyl) pyridine-2-carboxamide		39627-98-0
ACI 022202	<b>Bupivacaine hydrochloride Imp. B (EP):</b> (2RS)-N- (2,6-dimethylphenyl)piperidine-2-carboxamide	 <p>and enantiomer</p>	15883-20-2
ACI 022203	<b>Bupivacaine hydrochloride Imp. C (EP):</b> 1-(2,6-dimethylphenyl)-1,5,6,7-tetrahydro- 2H-azepin-2-one		1797894-80-4

Code	Product Name	Structure	CAS No.
ACI 022204	<b>Bupivacaine hydrochloride Imp. D (EP):</b> (2RS)-2,6-dichloro-N-(2,6-dimethyl phenyl)hexanamide	 and enantiomer	1037184-07-8
ACI 022205	<b>Bupivacaine hydrochloride Imp. E (EP) as hydrochloride:</b> 6-(Butylamino)-N-(2,6-dimethylphenyl)hexanamide hydrochloride	 x HCl and enantiomer	n/a
ACI 022206	<b>Bupivacaine hydrochloride Imp. F (EP):</b> 2,6-dimethylaniline		87-62-7
ACI 022207	<b>Bupivacaine hydrochloride Impurity:</b> 2-[(2-methylphenyl)amino] benzamide		95216-60-7
ACI 022208	<b>Bupivacaine hydrochloride Impurity:</b> 1-Butyl-1-oxido-N-(2,6-dimethylphenyl)-2-piperidinecarboxamide		1346597-81-6
ACI 022209	<b>Bupivacaine hydrochloride Impurity:</b> 1-butyl-N-(2,6-dimethylphenyl)piperidine-2-carboxamide		38396-39-3
ACI 121601	<b>Bupivacaine hydrochloride Imp. F (EP):</b> 2,6-dimethylaniline		87-62-7

## Bupropion

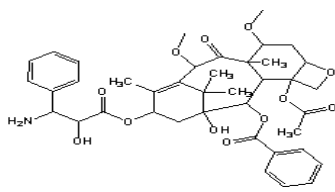
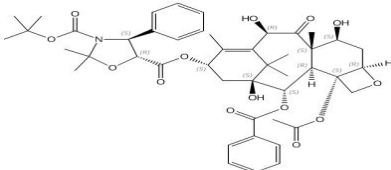
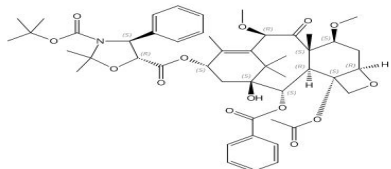
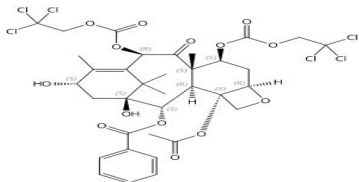
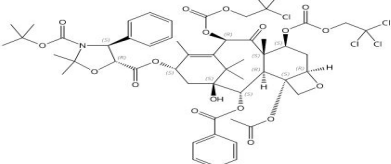
Code	Product Name	Structure	CAS No.
ACI 020700	<b>Bupropion Hydrochloride:</b> 1-(3-Chlorophenyl)-2-[(1,1-dimethylethyl)amino]-1-propanone Hydrochloride	 x HCl	31677-93-7
ACI 020701	<b>Bupropion Hydrochloride Impurity as hydrochloride:</b> 2-(tert-butylamino)propiophenone hydrochloride	 x HCl	n/a
ACI 020702	<b>Bupropion Hydrochloride Impurity:</b> 1-(3-chlorophenyl)-1,2-propanedione		10557-17-2
ACI 020704	<b>Bupropion Hydrochloride Impurity:</b> 3'-chloropropiophenone		34841-35-5
ACI 020705	<b>Bupropion Hydrochloride Impurity:</b> 2-Bromo-3'-chloropropiophenone		34911-51-8
ACI 020706	<b>Bupropion Hydrochloride Impurity as hydrochloride:</b> 2-(tert-butylamino)-3',4'-dichloropropiophenone hydrochloride	 x HCl	1193779-34-8
ACI 020707	<b>Bupropion Hydrochloride Impurity as hydrochloride:</b> 2-(tert-butylamino)-3',5'-dichloropropiophenone hydrochloride	 x HCl	1193779-48-4

Code	Product Name	Structure	CAS No.
ACI 020708	<b>Bupropion Hydrochloride Impurity as Toluene sulfonate:</b> 2-Amino-1-(3-chlorophenyl)-1-propanone p-Toluene sulfonate		n/a
ACI 020710	<b>Bupropion Hydrochloride Impurity:</b> 1-(3-chlorophenyl)-2-hydroxy-1-propanone		152943-33-4
ACI 020713	<b>Bupropion Hydrochloride Impurity:</b> m-chlorobenzoic acid		535-80-8
ACI 020714	<b>Bupropion Hydrochloride Impurity:</b> 1-(2-chlorophenyl)-2-[(1,1-dimethylethyl)amino]-1-Propanone hydrochloride (o-Bupropion)		1049718-57-1
ACI 020715	<b>Bupropion Hydrochloride Impurity:</b> (2-(tert-butylamino)-3'-bromopropiophenone hydrochloride)		1049718-43-5
ACI 020716	<b>Bupropion Hydrochloride Impurity:</b> (2-(tert-butylamino)-4'-chloropropiophenone hydrochloride)		1049718-72-0
<b>Buspirone</b>			
ACI 021203	<b>Buspirone Hydrochloride Imp. C (EP):</b> 2,2'-[Butane-1,4-diylbis(piperazine-1,4-diyl)]dipyrimidine		257877-45-5

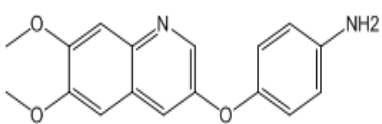
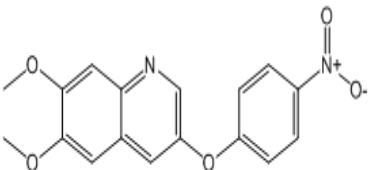
Code	Product Name	Structure	CAS No.
ACI 021210	<b>Buspirone Hydrochloride Imp. J (EP):</b> 4-(7,9-dioxo-8-azaspiro[4.5]dec-8-yl)butyl [1-[2-oxo-2-[[4-[4-(pyrimidin-2-yl)piperazin-1-yl]butyl]amino]ethyl]cyclopentyl] acetate		2726492-72-2
ACI 021212	<b>Buspirone Hydrochloride Imp.L (EP):</b> 8-(4-Chlorobutyl)-8-azaspiro[4,5]decane-7,9-dione		2109-11-3
ACI 021214	<b>Buspirone Hydrochloride Imp. N (EP):</b> 8,8'(butane-1,4-diyl)bis(8-azaspiro[4,5]decane-7,9-dione)		33386-08-2
<b>Busulfan</b>			
ACI 023911	<b>Busulfan Impurity 2:</b> 4-((methylsulfonyl)oxy)butyl 4-((methylsulfonyl)oxy)butane-1-sulfonate		n/a
<b>Butylatedhydroxy</b>			
ACI 024000	<b>Butylatedhydroxy Toluene :</b> 2,6-di-tert-butyl-4-hydroxytoluene		128-37-0

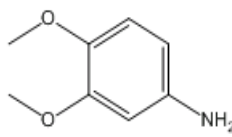
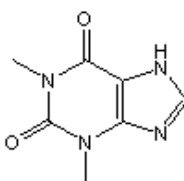
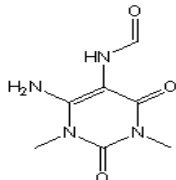
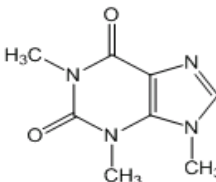
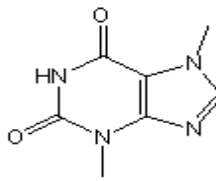
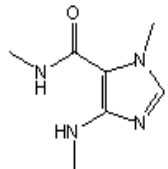
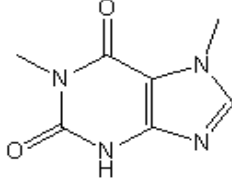
Code	Product Name	Structure	CAS No.
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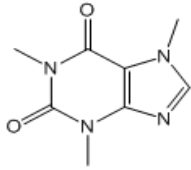
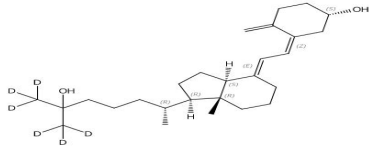
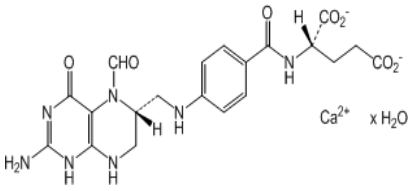
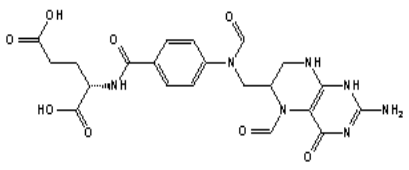
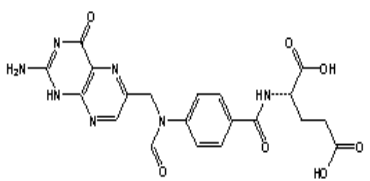
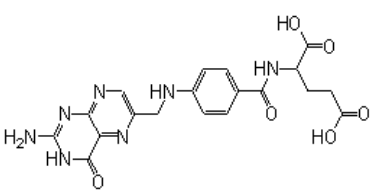
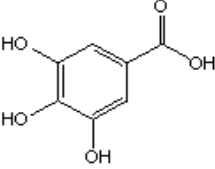
### Cabazitaxel

ACI 030611	<b>Cabazitaxel Impurity:</b> 1S,2S,3R,4S,7R,9S,10S,12R,15S)-4-(Acetyloxy)-15-[[[(2R,3S)-3-amino-2-hydroxy-3-phenylpropanoyl]oxy]-1-hydroxy-9,12-dimethoxy-10,14,17,17-tetramethyl-11-oxo-6-oxatetracyclo [11.3.1.0 <sub>3,10</sub> .0 <sub>4,7</sub> ]heptadec-13-ene-2-yl benzoate (De-boc Cabazitaxel)		1638286-64-2
ACI 030612	<b>Cabazitaxel Impurity:</b> Cabazitaxel Dectroc Oxazolidine Impurity		159262-93-8
ACI 030613	<b>Cabazitaxel Impurity:</b> Cabazitaxel Oxazolidine Impurity		1373171-12-0
ACI 030614	<b>Cabazitaxel Impurity:</b> Cabazitaxel Impurity (DiTroc)		95603-44-4
ACI 030615	<b>Cabazitaxel Impurity:</b> 7,11-Methano-1H-cyclodeca [3,4]benz[1,2-b]oxete, 3,5-oxazolidinedicarboxylic acid deriv		143527-76-8

### Cabozantinib

ACI 039211	<b>Cabozantinib Impurity:</b> 4-[(6,7-Dimethoxyquinolin-4-yl)oxy]aniline		190728-25-7
ACI 039212	<b>Cabozantinib Impurity:</b> 6,7-dimethoxy-4-(4-nitrophenoxy)-Quinoline		190728-24-6

Code	Product Name	Structure	CAS No.
ACI 039213	<b>Cabozantinib Impurity as hydrochloride salt:</b> 3,4-Dimethoxyaniline hydrochloride	 <chem>COc1ccc(N)cc1OC</chem> x HCl	35589-32-3
<b>Caffeine</b>			
ACI 032001	<b>Caffeine Imp. A (EP):</b> 1,3-Dimethyl-3,7-dihydro-1H-purine-2,6-dione	 <chem>CN1C=NC2=C1C(=O)N(C)C(=O)N2C</chem>	58-55-9
ACI 032002	<b>Caffeine Imp. B (EP):</b> N-(6-amino-1,3-dimethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)formamide	 <chem>CN1C=NC(=O)N(C)C(=O)N1CNC=O</chem>	7597-60-6
ACI 032003	<b>Caffeine Imp. C (EP):</b> 1,3,9-trimethyl-3,9-dihydro-1H-purine-2,6-dione	 <chem>CN1C=NC2=C1C(=O)N(C)C(=O)N2C</chem>	519-32-4
ACI 032004	<b>Caffeine Imp. D (EP):</b> 3,7-dimethyl-3,7-dihydro-1H-purine-2,6-dione	 <chem>CN1C=NC2=C1C(=O)N(C)C(=O)N2C</chem>	83-67-0
ACI 032005	<b>Caffeine Imp. E (EP) as Hydrochloride:</b> N,1-Dimethyl-4-(methylamino)-1H-imidazole-5-carboxamide hydrochloride	 <chem>CN1C=NC2=C1C(=O)N(C)C(=O)N2C</chem> x HCl	107605-95-8
ACI 032006	<b>Caffeine Imp. F (EP):</b> 1,7-dimethyl-3,7-dihydro-1H-purine-2,6-dione.	 <chem>CN1C=NC2=C1C(=O)N(C)C(=O)N2C</chem>	611-59-6

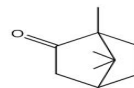
Code	Product Name	Structure	CAS No.
ACI 201601	<b>Caffeine:</b> 1,3,7-Trimethyl-3,7-dihydro-1H-purine-2,6-dione		58-08-2
<b>Calcifediol</b>			
ACI 037430	<b>Calcifediol d6:</b> (3 $\beta$ ,5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-3,25-diol-d6		78782-98-6
<b>Calcium</b>			
ACI 036100	<b>Calcium Folate:</b> Calcium (2S)-2-[[4-[[[(6RS)-2-amino-5-formyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl]methyl]amino]benzoyl]amino]pentanedioate		1492-18-8
ACI 036102	<b>Calcium Folate Imp B (EP):</b> (2S)-2-[[4-[[[(6RS)-2-amino-5-formyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl]methyl]formylamino]benzoyl]amino]pentanedioic acid		98814-60-9
ACI 036104	<b>Calcium Folate Imp D (EP):</b> (2S)-2-[[4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl] formylamino] benzoyl] amino]pentanedioic acid		134-05-4
ACI 060700	<b>Calcium Folate Imp C (EP):</b> (2S)-2-[[4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl) methyl] amino]benzoyl] amino]pentanedioic acid		59-30-3
<b>Camellia</b>			
ACI 032901	<b>Camellia sinensis:</b> Gallic acid: 3,4,5-Trihydroxybenzoic acid		149-91-7



Code	Product Name	Structure	CAS No.
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### Camphor

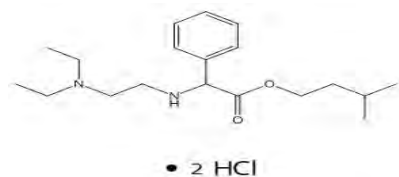
WS-039900 **Camphor:** 1,7,7-trimethyl-Bicyclo[2.2.1]heptan-2-one



76-22-2

### Camylofin

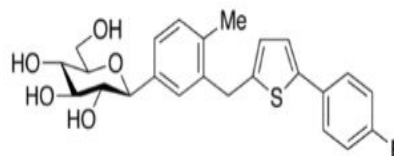
ACI 032500 **Camylofin Dihydrochloride:** 3-methylbutyl 2-[2-(diethylamino)ethylamino]-2-phenylacetate, dihydrochloride



5892-41-1

### Canagliflozin

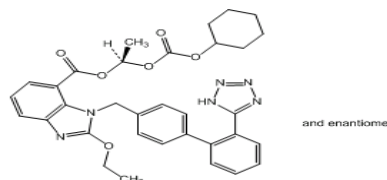
ACI 034400 **Canagliflozin:** (1S)-1,5-Anhydro-1-C-[3-[[5-(4-fluorophenyl)-2-thienyl]methyl]-4-methylphenyl]-D-glucitol



842133-18-0

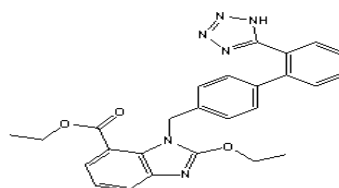
### Candesartan

ACI 032100 **Candesartan Cilexetil:** (1RS)-1-[[[(Cyclohexyloxy)carbonyl]oxy]ethyl 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylate



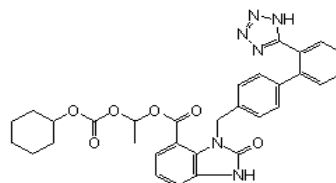
145040-37-5

ACI 032101 **Candesartan Cilexetil Imp. A (EP):** Ethyl 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylate

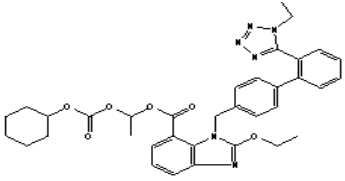
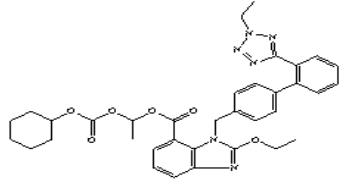
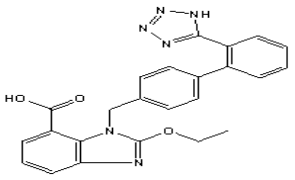
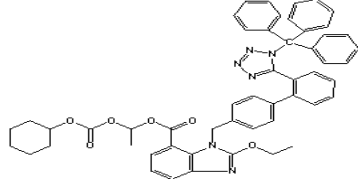
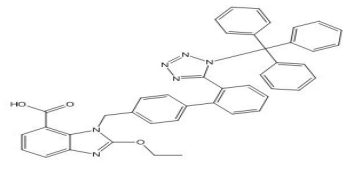
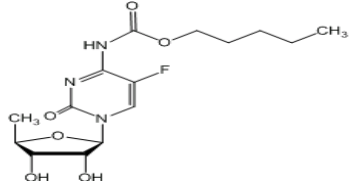
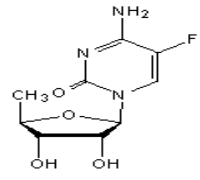


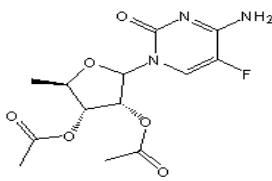
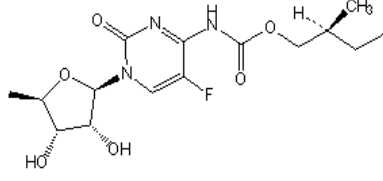
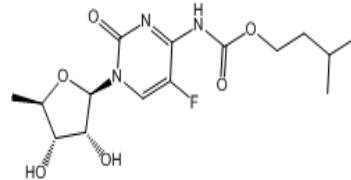
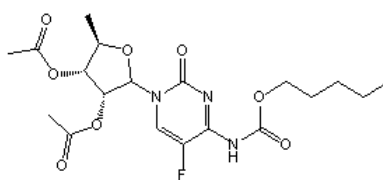
139481-58-6

ACI 032102 **Candesartan Cilexetil Imp. B (EP):** (1RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]ethyl 2-oxo-3-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-2,3-dihydro-1H-benzimidazole-4-carboxylate

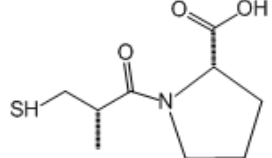
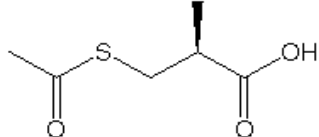
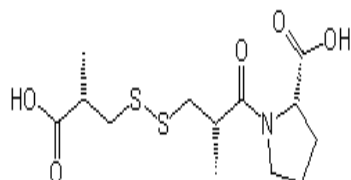


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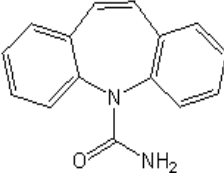
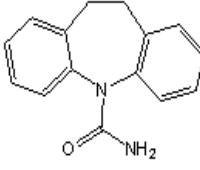
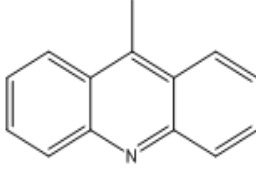
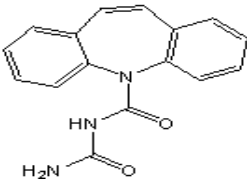
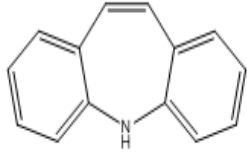
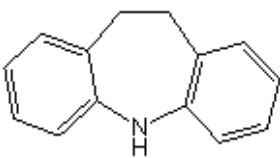
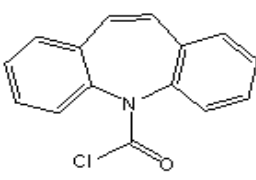
Code	Product Name	Structure	CAS No.
ACI 032105	<b>Candesartan Cilexetil Imp. E (EP):</b> (1RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]ethyl 2-ethoxy- 1-[[2'-(1-ethyl-1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylate		914613-35-7
ACI 032106	<b>Candesartan Cilexetil Imp. F (EP):</b> (1RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]ethyl 2-ethoxy- 1-[[2'-(2-ethyl-2H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylate		914613-36-8
ACI 032107	<b>Candesartan Cilexetil Imp.G (EP):</b> 2-Ethoxy-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylic acid		139481-59-7
ACI 032108	<b>Candesartan Celixetil Imp. H (EP):</b> 1RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]ethyl 2-ethoxy-1- [[2'-(1-(triphenylmethyl)-1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylate		170791-09-0
ACI 032124	<b>Candesartan Impurity:</b> 2-Ethoxy-1-[[2'-(1-(triphenylmethyl)-1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1H-benzimidazole-7-carboxylic acid (N-Trityl candesartan)		139481-72-4
<b>Capecitabine</b>			
ACI 033600	<b>Capecitabine:</b> Pentyl [1-(5-deoxy-β-d-ribofuranosyl)-5-fluoro-2-oxo-1,2-dihydropyrimidin-4-yl]carbamate		154361-50-9
ACI 033601	<b>Capecitabine Imp.A (EP):</b> 4-amino-1-(5-deoxy-β-D-ribofuranosyl)-5-fluoropyrimidin-2(1H)-one (5'-Deoxy-5-fluorocytidine)		66335-38-4

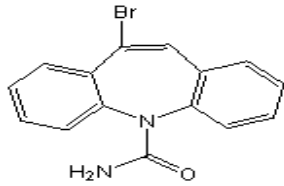
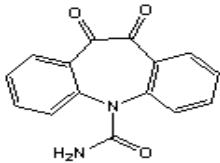
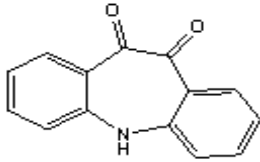
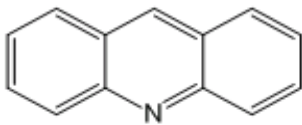
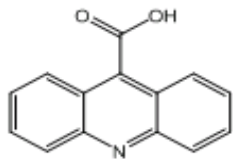
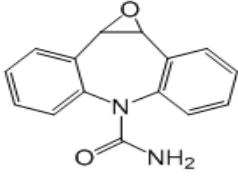
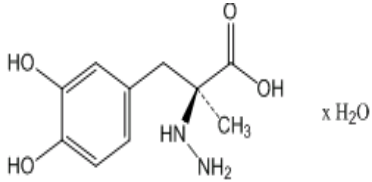
Code	Product Name	Structure	CAS No.
ACI 033603	<b>Capecitabine Imp.C (EP):</b> 1-(2,3-di-O-Acetyl-5-deoxy-β-D-ribofuranosyl)-4-amino-5-fluoropyrimidin-2(1H)-one 5'-(Deoxy-5-fluoro-cytidine 2',3'-Diacetate)		161599-46-8
ACI 033604	<b>Capecitabine Imp.D (EP):</b> (2RS)-2-methylbutyl [1-(5-deoxy-β-D-ribofuranosyl)-5-fluoro-2-oxo-1,2-dihydropyrimidin-4-yl]carbamate		910129-15-6
ACI 033605	<b>Capecitabine Imp.E (EP):</b> 3-methylbutyl [1-(5-deoxy-β-D-ribofuranosyl)-5-fluoro-2-oxo-1,2-dihydropyrimidin-4-yl]carbamate		162204-30-0
ACI 033607	<b>Capecitabine Imp.G (EP):</b> pentyl [1-(2,3-di-O-acetyl-5-deoxy-β-D-ribofuranosyl)-5-fluoro-2-oxo-1,2-dihydropyrimidin-4-yl]carbamate		162204-20-8

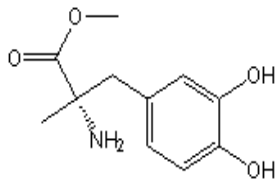
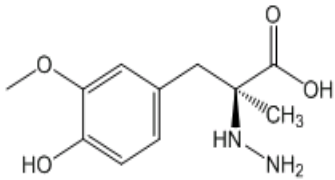
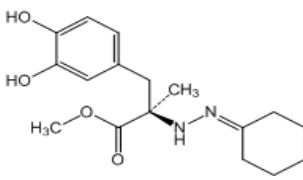
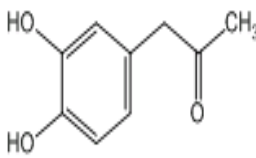
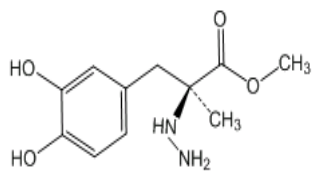
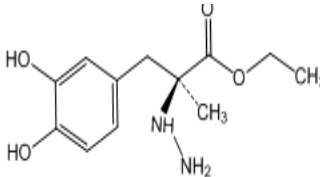
## Captopril

ACI 034900	<b>Captopril:</b> (2S)-1-[(2S)-2-Methyl-3-sulfanylpropanoyl]pyrrolidine-2-carboxylic acid.		62571-86-2
ACI 034911	<b>Captopril Imp. K (Pharmeuropa):</b> (2S)-3-(Acetylthio)-2-methylpropanoic Acid		76497-39-7
ACI 034913	<b>Captopril Imp. M (EP):</b> (2S)-1-[(2S)-3-[[[(2S)-2-Carboxypropyl]disulphanly]-2-methylpropanoyl]-pyrrolidine-2-carboxylic Acid		n/a

## Carbamazepine

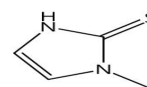
Code	Product Name	Structure	CAS No.
ACI 031500	<b>Carbamazepine:</b> 5H-Dibenzo[b,f]azepine-5-carboxamide		298-46-4
ACI 031501	<b>Carbamazepine Imp. A (EP):</b> 10,11-dihydro-5H-dibenzo [b,f]azepine-5-carboxamide		3564-73-6
ACI 031502	<b>Carbamazepine Imp. B (EP):</b> 9-methylacridine		611-64-3
ACI 031503	<b>Carbamazepine Imp. C (EP):</b> (5H-dibenzo[b,f]azepin-5-ylcarbonyl)urea		1219170-51-0
ACI 031504	<b>Carbamazepine Imp. D (EP):</b> 5H-dibenzo[b,f]azepine		256-96-2
ACI 031505	<b>Carbamazepine Imp. E (EP):</b> 10,11-dihydro-5H-dibenzo [b,f]azepine		494-19-9
ACI 031506	<b>Carbamazepine Imp. F (EP):</b> 5H-dibenzo[b,f]azepine-5-carbonyl chloride		33948-22-0

Code	Product Name	Structure	CAS No.
ACI 031507	<b>Carbamazepine Imp. G (EP):</b> 10-bromo-5H-dibenzo[b,f]azepine-5-carboxamide		59690-97-0
ACI 031508	<b>Carbamazepine Impurity:</b> 10,11-Dihydro-10,11-dioxy-5H-dibenzo[b,f]azepine-5-carboxamide		537693-29-1
ACI 031509	<b>Carbamazepine Impurity:</b> Dibenzazepinodione		19579-83-0
ACI 031510	<b>Carbamazepine Impurity:</b> Acridine		260-94-6
ACI 031511	<b>Carbamazepine Impurity:</b> 9-Acridine Carboxylic Acid	 x H <sub>2</sub> O	332927-03-4
ACI 031512	<b>Carbamazepine Impurity:</b> Carbamazepine 10,11-Epoxyde		36507-30-9
<b>Carbidopa</b>			
ACI 036400	<b>Carbidopa:</b> (2S)-3-(3,4-Dihydroxyphenyl)-2-hydrazino-2-methylpropanoic acid monohydrate	 x H <sub>2</sub> O	38821-49-7

Code	Product Name	Structure	CAS No.
ACI 036402	<b>Carbidopa Imp. B (EP) as hydrochloride:</b> methyl (2S)-2-amino-3-(3,4-dihydroxyphenyl)-2-methylpropanoate hydrochloride		115054-62-1
ACI 036403	<b>Carbidopa Imp. C (EP):</b> (2S)-2-hydrazino-3-(4-hydroxy-3-methoxyphenyl)-2-methylpropanoic acid (3-O-methylcarbidopa)		85933-19-3
ACI 036404	<b>Carbidopa Imp. D (EP):</b> methyl (2S)-2-(2-cyclohexylidenehydrazino)-3-(3,4-dihydroxyphenyl)-2-methylpropanoate		934371-48-9
ACI 036407	<b>Carbidopa Imp. G (EP):</b> 1-(3,4-dihydroxyphenyl)propan-2-one		2503-44-8
ACI 036411	<b>Carbidopa Imp. E (EP) as monohydrate:</b> methyl (2S)-3-(3,4-dihydroxyphenyl)-2-hydrazino-2-methyl propanoate monohydrate	 x H <sub>2</sub> O	n/a
ACI 036412	<b>Carbidopa Imp. F (EP) as monohydrate:</b> Ethyl (2S)-3-(3,4-dihydroxyphenyl)-2-hydrazino-2-methylpropanoate monohydrate	 x H <sub>2</sub> O	n/a

## Carbimazole

ACI 038801 **Carbimazole Imp.A(EP):** 1-methyl-1H-imidazole-2-thiol (thiamazole)

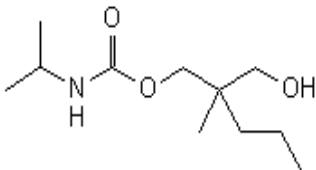
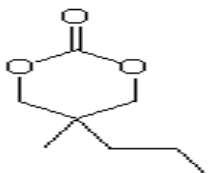


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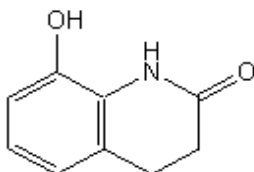
## Carbocisteine

Code	Product Name	Structure	CAS No.
ACI 032211	<b>Carbocisteine Impurity:</b> 5-Oxo-3-thiomorpholinecarboxylic acid		14226-97-2

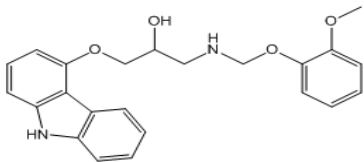
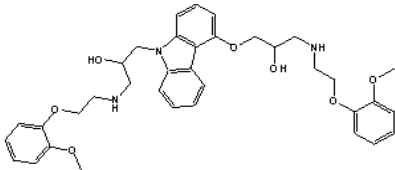
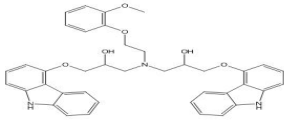
### Carisoprodal

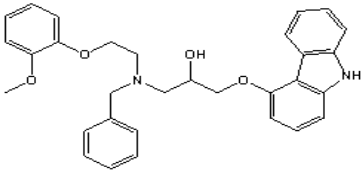
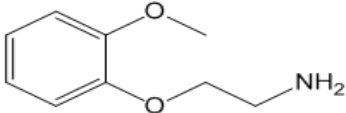
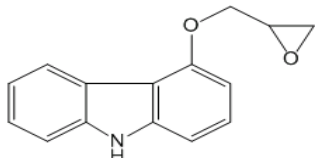
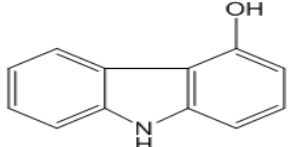
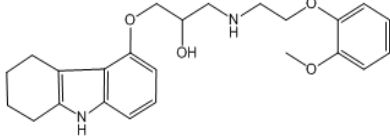
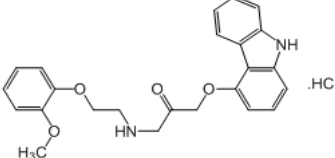
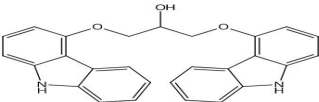
ACI 037301	<b>Carisoprodal Imp. A (EP):</b> (2RS)-2-(Hydroxymethyl)-2-methylpentyl (1-Methylethyl)carbamate		25462-17-3
ACI 037302	<b>Carisoprodal Imp. B (EP):</b> 5-Methyl-5-propyl-1,3-dioxan-2-one		7148-50-7

### Carteolol

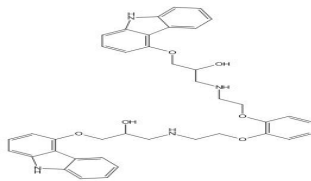
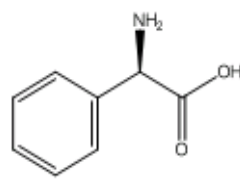
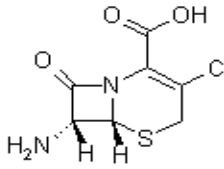
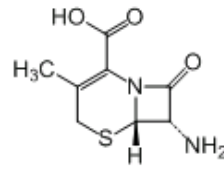
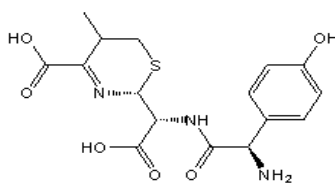
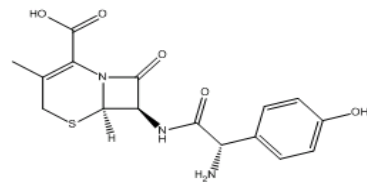
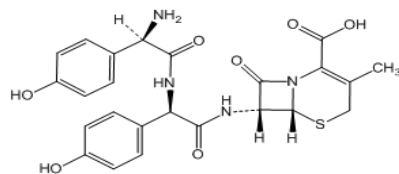
ACI 036911	<b>Carteolol hydrochloride Impurity:</b> 3,4 dihydro-8-hydroxy quinoline-2(1H)-one		52749-50-5
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### Carvedilol

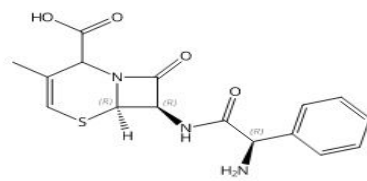
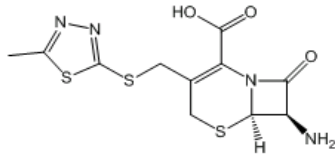
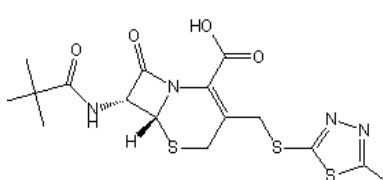
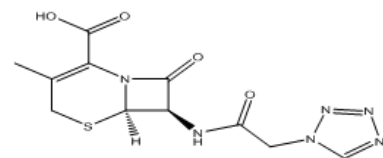
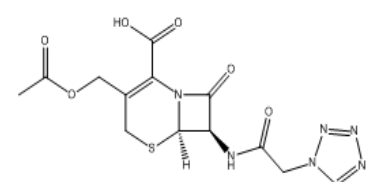
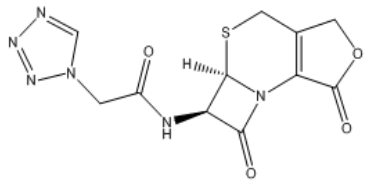
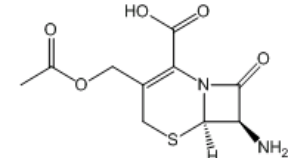
ACI 031000	<b>Carvedilol:</b> (2RS)-1-(9H-Carbazol-4-yloxy)-3-[[2-(2-methoxyphenoxy)ethyl]amino]propan-2-ol		72956-09-3
ACI 031001	<b>Carvedilol Imp. A (EP):</b> 1-[[[9-[2-hydroxy-3-[[2-(2-methoxyphenoxy)ethyl]amino]propyl]-9H-carbazol-4-yl]oxy]-3-[[2-(2-methoxyphenoxy)ethyl]amino]propan-2-ol		1198090-73-1
ACI 031002	<b>Carvedilol Imp. B (EP) or Carvedilol Related Compound B:</b> 1,1'-[[2-(2-Methoxyphenoxy)ethyl]-nitriolo]bis[3-(9H-carbazol-4-yloxy)propan-2-ol]		918903-20-5

Code	Product Name	Structure	CAS No.
ACI 031003	<b>Carvedilol Imp. C (EP):</b> (1-(9H-Carbazol-4-yloxy)-3-(benzyl(2-(2-methoxyphenoxy)ethyl)amino)propan-2-ol)		72955-94-3
ACI 031011	<b>Carvedilol Impurity:</b> 2-(2-Methoxyphenoxy)ethylamine		1836-62-0
ACI 031012	<b>Carvedilol Impurity:</b> 4-(2,3-epoxypropoxy)carbazole		51997-51-4
ACI 031013	<b>Carvedilol Impurity:</b> 4-Hydroxycarbazole		52602-39-8
ACI 031014	<b>Carvedilol Impurity:</b> 1-(2-(2-methoxyphenoxy)ethylamino)-3-(6,7,8,9-tetrahydro-5H-carbazol-4-yloxy)propan-2-ol		1246820-73-4
ACI 031015	<b>Carvedilol Impurity as Hydrochloride salt:</b> 1-(9H-carbazol-4-yloxy)-3-[[2-(2-methoxyphenoxy) ethyl]amino]-2-Propanone Hydrochloride salt (Carvedilol keto Impurity)		933442-50-3
ACI 031017	<b>Carvedilol Bis Carbazole Impurity:</b> 1,3-bis ((9H-carbazol-4-yl) oxy) propan-2-ol		1276477-91-8

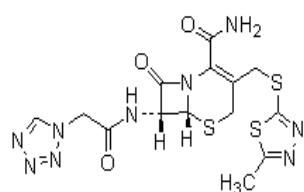


Code	Product Name	Structure	CAS No.
ACI 031018	<b>Carvedilol Bisalkylpyrocatechol Impurity:</b> 3,3'-2,2'-[1,2-Phenylenebis(oxy)]bis(ethane-2,1-diyl)bis(azanedyl)bis(1-(9H-carbazol-4-yloxy)propan-2-ol)		1346602-98-9
<b>Cefaclor</b>			
ACI 030501	<b>Cefaclor Imp.A (EP):</b> (2R)-2-Amino-2-phenylacetic Acid		875-74-1
ACI 030502	<b>Cefaclor Imp. B (EP):</b> (6R,7R)-7-amino-3-chloro-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		53994-69-7
<b>Cefadroxil</b>			
ACI 037002	<b>Cefadroxil monohydrate Imp.B (EP):</b> (6R,7R)-7-amino-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (7-ADCA),		22252-43-3
ACI 037003	<b>Cefadroxil monohydrate Imp.C (EP):</b> (2R,5RS)-2-[(R)-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]carboxymethyl]-5-methyl-5,6-dihydro-2H-1,3-thiazine-4-carboxylic acid		n/a
ACI 037004	<b>Cefadroxil monohydrate Imp.D (EP):</b> (6R,7R)-7-[[[(2S)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (I-cefadroxil)		144790-28-3
ACI 037006	<b>Cefadroxil monohydrate Imp.F (EP):</b> (6R,7R)-7-[[[(2R)-2-[[[(2RS)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-2-(4-hydroxyphenyl)acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		147103-95-5

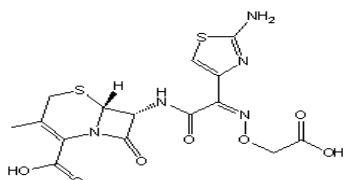
## Cefalexin

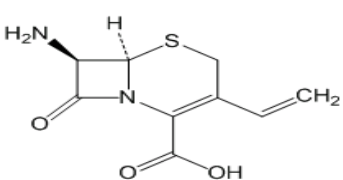
Code	Product Name	Structure	CAS No.
ACI 039906	<b>Cefalexin monohydrate Imp.F(EP):</b> (2RS,6R,7R)-7-[[[(2R)-2-amino-2-phenylacetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylic acid (delta-2-cefalexin)		79750-46-2
<b>Cefazolin</b>			
ACI 035301	<b>Cefazolin Sodium Imp. A (EP):</b> (6R,7R)-7-amino-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)sulfanyl]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		30246-33-4
ACI 035302	<b>Cefazolin Sodium Imp. B (EP):</b> (6R,7R)-7-[(2,2-dimethylpropanoyl)amino]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)sulfanyl]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		n/a
ACI 035303	<b>Cefazolin Sodium Imp. C (EP):</b> (6R,7R)-3-methyl-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		n/a
ACI 035304	<b>Cefazolin Sodium Imp. D (EP):</b> (6R,7R)-3-[(acetyloxy)methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		n/a
ACI 035307	<b>Cefazolin Sodium Imp. G (EP):</b> (5aR,6R)-6-[(1H-tetrazol-1-ylacetyl)amino]-5a,6-dihydro-3H,7H-azeto [2,1-b]furo[3,4-d][1,3]thiazine-1,7(4H)-dione		n/a
ACI 035308	<b>Cefazolin Sodium Imp. H (EP):</b> (6R,7R)-3-[(acetyloxy)methyl]-7-amino-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (7-Aminocephalosporanic Acid)		957-68-6

Code	Product Name	Structure	CAS No.
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ACI 035311	<b>Cefazolin Sodium Imp. K (EP):</b> (6R, 7R)-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)sulfanyl] methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino] -5-thia-1-azabicyclo[4.4.0] oct-2-ene-2-carboxamide		1322626-65-2
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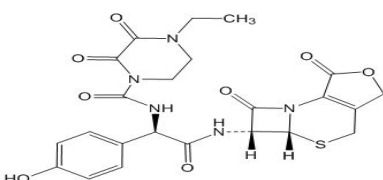
## Cefixime

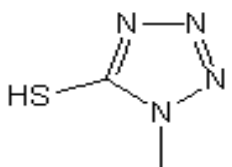
ACI 037105	<b>Cefixime Imp. E (EP):</b> (6R,7R)-7-[[[(Z)-2-(2-aminothiazol-4-yl)-2-[(carboxymethoxy) imino]acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,		72701-01-0
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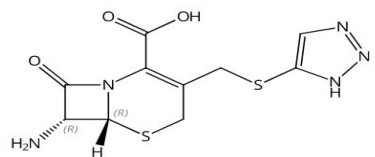
ACI 037111	<b>Cefixime Impurity:</b> 7-amino-3-vinyl-3-cephem-4-carboxylic acid		79349-82-9
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ACI 037112	<b>Cefixime Impurity:</b> 2-Benzothiazolethiol		149-30-4
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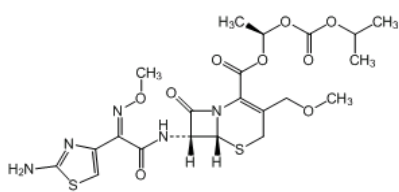
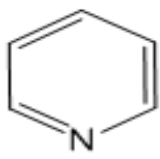
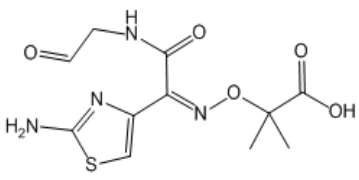
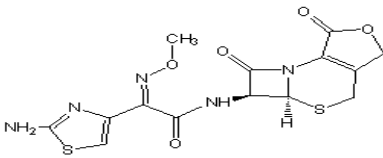
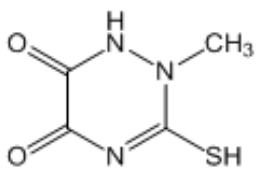
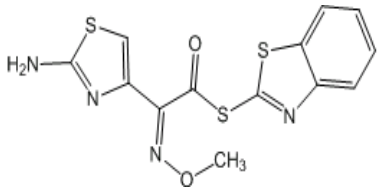
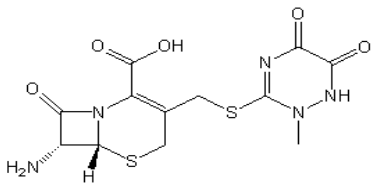
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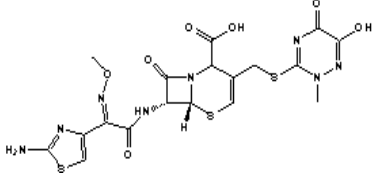
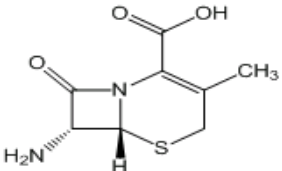
ACI 034201	<b>Cefoperazone sodium Imp A (EP) :</b> (5aR,6R)-6-[[[(2R)-2-[[[4-ethyl-2,3-dioxopiperazin-1-yl]carbonyl]amino]-2-(4-hydroxyphenyl)acetyl]amino]-5a,6-dihydro-3H,7H-azeto[2,1-b]furo[3,4-d][1,3]thiazine-1,7(4H)-dione		73240-08-01
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ACI 034203	<b>Cefoperazone sodium Imp C (EP):</b> 1-methyl-1H-tetrazole-5-thiol		13183-79-4
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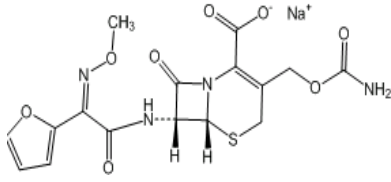
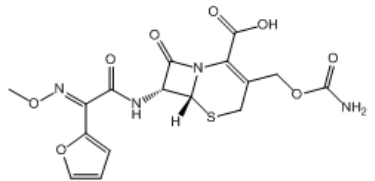
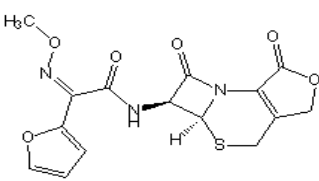
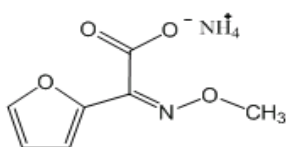
ACI 034204	<b>Cefoperazone sodium Imp D (EP):</b> (6R,7R)-7-amino-8-oxo-3-[(1H-1,2,3-triazol-4-ylsulfanyl)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (7-TACA)		37539-03-0
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## Cefpodoxime

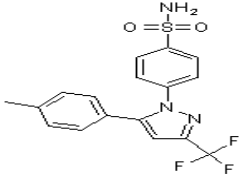
Code	Product Name	Structure	CAS No.
ACI 038312	<b>Cefpodoxime proxetil Impurity:</b> 5-Thia-1-azabicyclo [4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(2Z)-2-(2-amino-4-thiazolyl)-2-(methoxyimino)acetyl]amino]-3-(methoxymethyl)-8-oxo-, (1R)-1-[[[(1-methylethoxy) carbonyl]oxy]ethyl ester, (6R,7R)- (Cefpodoxime proxetil –R epimer RS)		112345-70-7
<b>Ceftazidime</b>			
ACI 035106	<b>Ceftazidime pentahydrate Imp. F (EP):</b> Pyridine		110-86-1
ACI 035107	<b>Ceftazidime pentahydrate Imp. G (EP):</b> 2-[[[(1Z)-1-(2-aminothiazol-4-yl)-2-[(oxoethyl)amino]-2-oxoethylidene]amino]oxy]-2-methylpropanoic acid		194241-83-3
<b>Ceftriaxone</b>			
ACI 036602	<b>Ceftriaxone sodium Imp. B (EP):</b> (5aR,6R)-6-[[[(2Z)-(2-aminothiazol-4-yl)(methoxyimino) acetyl]amino]-5a,6-dihydro-3H,7H-azeto[2,1-b]furo[3,4-d][1,3]thiazine-1,7(4H)-dione(Deacetyl Cefotraxime lactone USP)		66340-33-8
ACI 036603	<b>Ceftriaxone sodium Imp. C (EP):</b> 2-methyl-3-sulfanyl-1,2-dihydro-1,2,4-triazine-5,6-dione		58909-39-0
ACI 036604	<b>Ceftriaxone sodium Imp. D (EP):</b> S-benzothiazol-2-yl (2Z)-(2-aminothiazol-4-yl)(methoxyimino)thioacetate		80756-85-0
ACI 036605	<b>Ceftriaxone sodium Imp. E (EP):</b> (6R,7R)-7-amino-3-[[[(2-methyl-5,6-dioxo-1,2,5,6-tetrahydro-1,2,4-triazin-3-yl)sulfanyl]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		58909-56-1

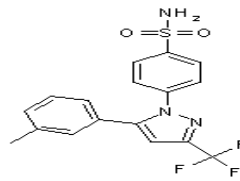
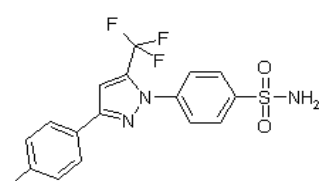
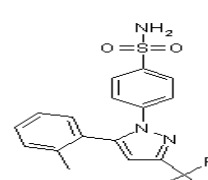
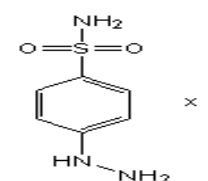
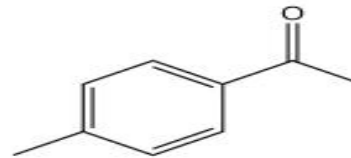
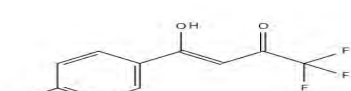
Code	Product Name	Structure	CAS No.
ACI 036611	<b>Ceftriaxone sodium Impurity:</b> (6R,7R)-7-(Z)-2-(2-Aminothiazol-4-yl)-2-(methoxyimino)acetamido-3-[(6-hydroxy-2-methyl-5-oxo-2,5-dihydro-1,2,4-triazin-3-yl)thio]methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylic acid		73384-59-5
ACI 036612	<b>Ceftriaxone sodium Impurity:</b> 7-Amino dexacetoxyccephalosporanic acid		22252-43-3

## Cefuroxime

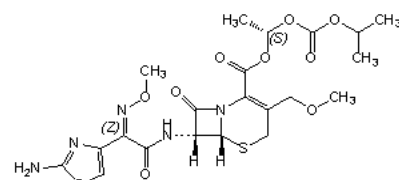
ACI 033500	<b>Cefuroxime sodium:</b> Sodium (6R,7R)-3-[(carbamoyloxy)methyl]-7-[(Z)-(furan-2-yl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate		56238-63-2
ACI 033505	<b>Cefuroxime sodium Imp. E (EP):</b> (6R,7R)-3-[(carbamoyloxy)methyl]-7-[(E)-(furan-2-yl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		97232-97-8
ACI 033508	<b>Cefuroxime sodium Imp. H (EP):</b> (5aR,6R)-6-[(Z)-(furan-2-yl)(methoxyimino)acetyl]amino]-5a,6-dihydro-3H,7H-azeto[2,1-b]furo[3,4-d][1,3]thiazine-1,7(4H)-dione (Cefuroxime lactone)		947723-87-7
ACI 033509	<b>Cefuroxime sodium Imp. I (EP) as ammonium salt:</b> (Z)-(furan-2-yl)(methoxyimino)acetic acid ammonium salt (Methoxyiminofuranyl acetic acid)		97148-39-5

## Celecoxib

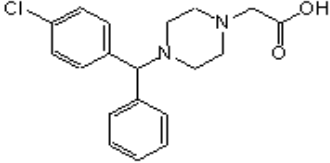
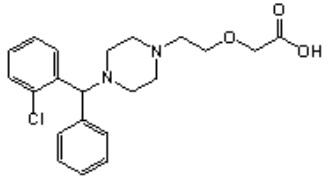
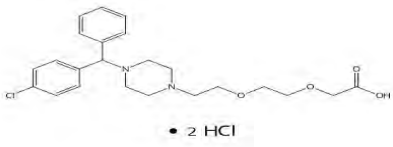
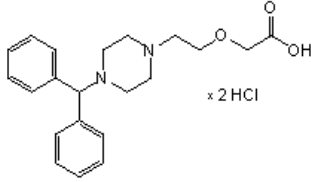
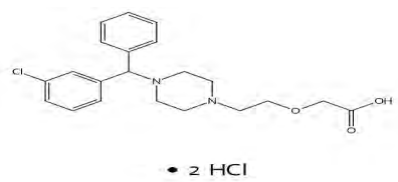
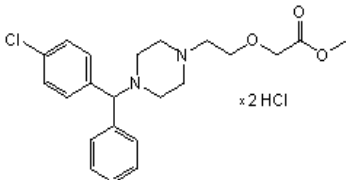
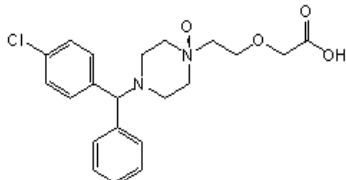
ACI 030900	<b>Celecoxib:</b> 4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide		169590-42-5
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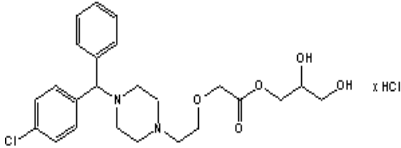
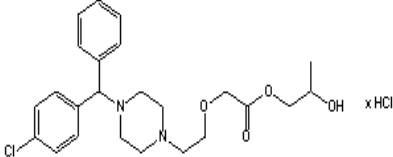
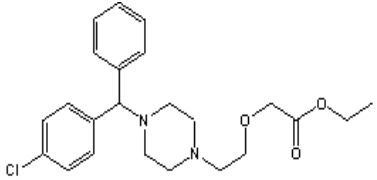
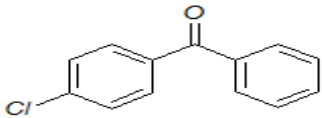
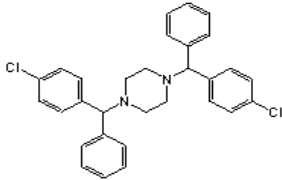
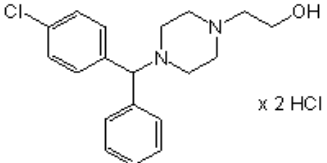
Code	Product Name	Structure	CAS No.
ACI 030901	<b>Celecoxib Imp. A (EP):</b> 4-[5-(3-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide		170570-01-1
ACI 030902	<b>Celecoxib Imp. B (EP):</b> 4-[3-(4-Methylphenyl)-5-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide		331943-04-5
ACI 030905	<b>Celecoxib Impurity:</b> 4-[5-(2-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzene sulfonamide		170569-99-0
ACI 030910	<b>Celecoxib Impurity as hydrochloride:</b> 4-Hydrazinylbenzenesulfonamide hydrochloride		17852-52-7
ACI 030911	<b>Celecoxib Impurity:</b> 1-(4-Methylphenyl)-1-ethanone (4'-Methylacetophenone)		122-00-9
ACI 030912	<b>Celecoxib Impurity :</b> 1,1,1-Trifluoro-4-hydroxy-4-(4-methylphenyl)-3-buten-2-one		324561-87-7

## Cepodoxime

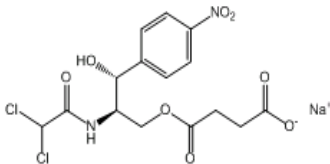
ACI 038311	<b>Cepodoxime Proxetil- Imp- S epimer:</b> (1S)-Cepodoxime Proxetil [S Epimer of Cepodoxime Proxetil Impurity]		112345-71-8
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## Cetirizine

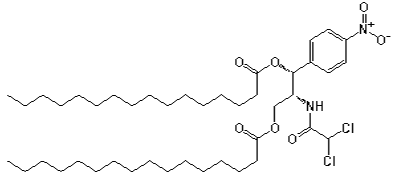
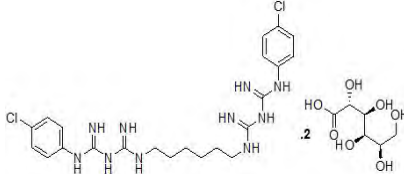
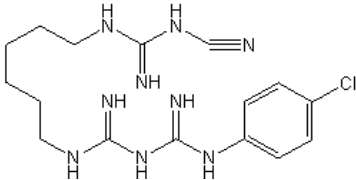
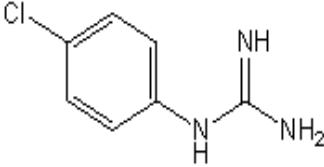
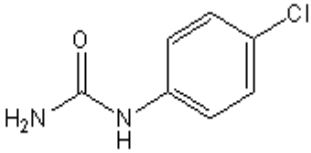
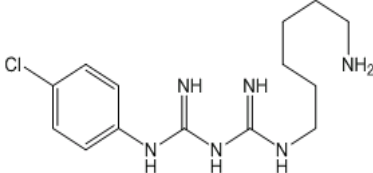
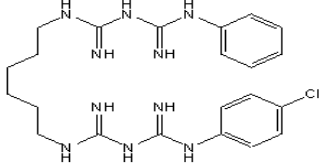
Code	Product Name	Structure	CAS No.
ACI 030202	<b>Cetirizine Dihydrochloride Imp. B (EP):</b> (RS)-2-[4-[(4-chlorophenyl)phenylmethyl] piperazin-1-yl]acetic acid		113740-61-7
ACI 030203	<b>Cetirizine Dihydrochloride Imp. C (EP):</b> (RS)-2-[2-[4-[(2-chlorophenyl)phenylmethyl] piperazin-1-yl]ethoxy]acetic acid		83881-59-8
ACI 030205	<b>Cetirizine Dihydrochloride Imp. E (EP) as Dihydrochloride:</b> (RS)-2-[2-[2-[4-[(4-chlorophenyl)phenylmethyl]piperazin-1-yl]ethoxy]ethoxy]acetic acid dihydrochloride		83881-56-5
ACI 030206	<b>Cetirizine Dihydrochloride Imp. F (EP) as Dihydrochloride:</b> [2-[4-(diphenylmethyl) piperazin-1-yl]ethoxy]acetic acid dihydrochloride		83881-54-3
ACI 030211	<b>Cetirizine Dihydrochloride Impurity as dihydrochloride salt:</b> 2-[2-[4-[(3-Chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]acetic acid dihydrochloride		1232460-29-5
ACI 030212	<b>Cetirizine Dihydrochloride Impurity as Dihydrochloride:</b> Methyl 2-[2-[4-[(4-Chlorophenyl)phenylmethyl]piperazin-1-yl]ethoxy]acetate Dihydrochloride		83881-48-5
ACI 030213	<b>Cetirizine Dihydrochloride Impurity:</b> 2-[2-[4-[(4-Chlorophenyl)phenylmethyl]-1-oxido-1-piperazinyl]ethoxy]acetic acid		1076199-80-8

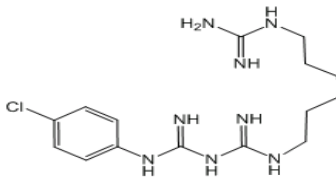
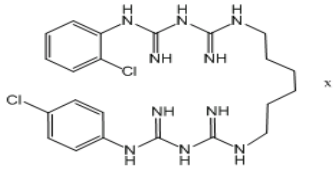
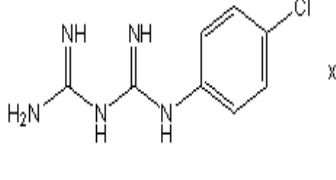
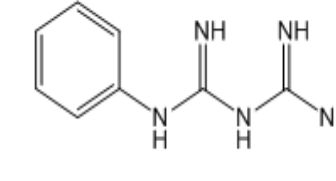
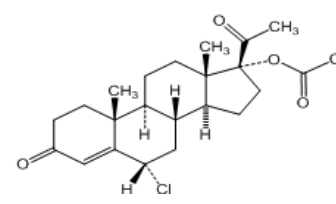
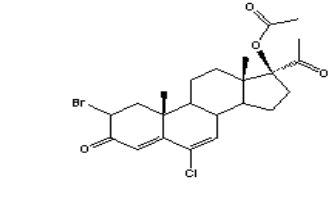
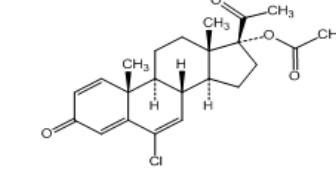
Code	Product Name	Structure	CAS No.
ACI 030215	<b>Cetirizine Dihydrochloride Impurity as Hydrochloride: 2</b> -[2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]acetic acid 2,3-dihydroxypropyl ester hydrochloride		1243652-36-9
ACI 030216	<b>Cetirizine Dihydrochloride Impurity: 2-Hydroxypropyl 2-</b> (2-[4-[(4-chlorophenyl)phenyl methyl] piperazin-1-yl] ethoxy)acetate		n/a
ACI 030217	<b>Cetirizine Dihydrochloride Impurity: (RS)-2-[2-[4-[(4-chlorophenyl)phenylmethyl]piperazin-1-yl]ethoxy]acetic acid ethyl ester dihydrochloride</b>		246870-46-2
ACI 020403	<b>Cetirizine Dihydrochloride Impurity: 4-Chlorobenzophenone</b>		134-85-0
ACI 080103	<b>Cetirizine Dihydrochloride Imp. D (EP):</b> 1,4-bis[(4-chlorophenyl)phenylmethyl] piperazine		346451-15-8
ACI 080105	<b>Cetirizine Dihydrochloride Imp. G (EP) as Dihydrochloride:</b> 2-[4-[(RS)-(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethanol Dihydrochloride		164726-80-1

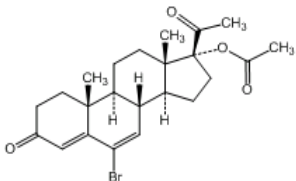
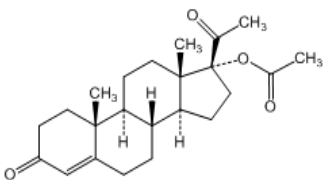
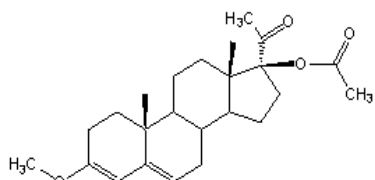
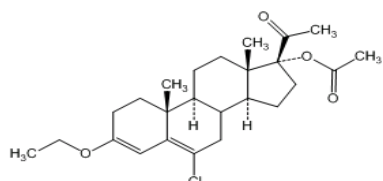
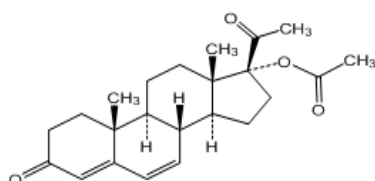
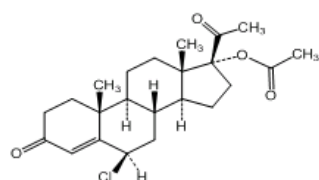
## Chloramphenicol

ACI 034700	<b>Chloramphenicol Sodium succinate:</b> sodium (2R,3R)-2-[(dichloroacetyl)amino]-3-hydroxy-3-(4-nitrophenyl)propyl butanedioate		n/a
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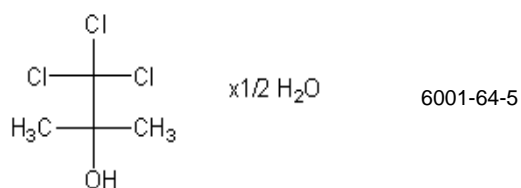
Code	Product Name	Structure	CAS No.
ACI 034712	<b>Chloramphenicol Sodium succinate impurity:</b> Hexadecanoic acid, 1,1'-[(1R,2R)-2-[(2,2-dichloroacetyl) amino]-1-(4-nitrophenyl)-1,3-propanediyl] ester		17709-53-4
<b>Chlorhexidine</b>			
ACI 035600	<b>Chlorhexidine Digluconate (ca. 20% in Water):</b> N1,N1'-(Hexane-1,6-diyl)bis[N3-(4-chlorophenyl)imidodicarbonimidic diamide] di-D-gluconate		18472-51-0
ACI 035601	<b>Chlorhexidine digluconate Imp. A (EP):</b> 1-(4-chlorophenyl)-5-[6-[(cyanocarbamimidoyl)amino]hexyl]biguanide		152504-08-0
ACI 035605	<b>Chlorhexidine digluconate Imp. E (EP):</b> N-(4-chlorophenyl)guanidine		45964-97-4
ACI 035606	<b>Chlorhexidine digluconate Imp. F (EP):</b> 4-Chlorophenylurea		140-38-5
ACI 035607	<b>Chlorhexidine digluconate Imp. G (EP):</b> 1-(6-aminohexyl)-5-(4-chlorophenyl)biguanide		152504-09-1
ACI 035613	<b>Chlorhexidine digluconate Imp. M (EP):</b> 1-(4-chlorophenyl)-5-[6-[(phenylcarbamimidoyl) carbamimidoyl] amino]hexyl]biguanide		152504-12-6

Code	Product Name	Structure	CAS No.
ACI 035614	<b>Chlorhexidine digluconate Imp. N (EP):</b> 1-[6-(carbamimidoylamino)hexyl]-5-(4-chlorophenyl) biguanide		152504-10-4
ACI 035615	<b>Chlorhexidine digluconate Imp. O (EP):</b> 1-(2-chlorophenyl)-5-[6-[[[(4-chlorophenyl)carbamimidoyl]carbamimidoyl]amino]hexyl]biguanide		NA
ACI 035621	<b>Chlorhexidine digluconate Impurity:</b> 1-(4-chlorophenyl) biguanide		4022-81-5
ACI 035622	<b>Chlorhexidine digluconate Impurity :</b> Phenyl biguanide		102-02-3
<b>Chlormadinone</b>			
ACI 035901	<b>Chlormadinone Acetate Imp. A (Pharmaeuropa):</b> 6a-chloro-3,20-dioxopregna-4-en-17-yl acetate		2477-73-8
ACI 035902	<b>Chlormadinone Acetate Imp. B (Pharmaeuropa):</b> 2-bromo-6-chloro-3,20-dioxopregna-4,6-dien-17-yl acetate		n/a
ACI 035904	<b>Chlormadinone Acetate Imp. D (Pharmaeuropa):</b> 6-chloro-3,20-dioxopregna-1,4,6-trien-17-yl acetate		13698-49-2

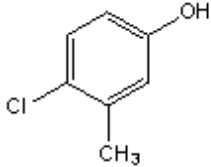
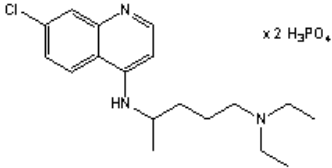
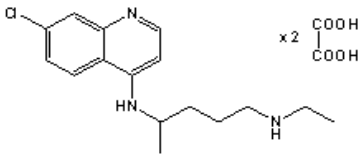
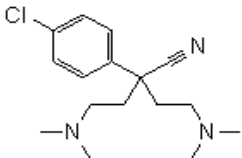
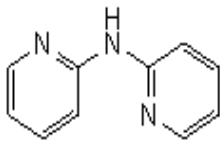
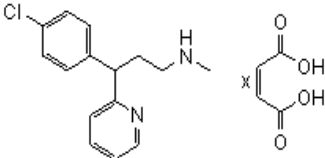
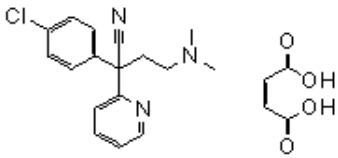
Code	Product Name	Structure	CAS No.
ACI 035905	<b>Chlormadinone Acetate Imp. E (Pharmaeuropa):</b> 6-bromo-3,20-dioxopregna-4,6-dien-17-yl acetate		15251-04-4
ACI 035907	<b>Chlormadinone Acetate Imp. G (Pharmaeuropa):</b> 3,20-dioxopregn-4-en-17-yl acetate (Hydroxyprogesterone acetate)		302-23-8
ACI 035908	<b>Chlormadinone Acetate Imp. H (Pharmaeuropa):</b> 3-methoxy-20-oxopregna-3,5-dien-17-yl acetate		1054-64-4
ACI 035909	<b>Chlormadinone Acetate Imp. I (Pharmaeuropa):</b> 6-chloro-3-ethoxy-20-oxopregna-3,5-dien-17-yl acetate		4203-01-4
ACI 035911	<b>Chlormadinone Acetate Imp. K (Pharmaeuropa):</b> 3,20-dioxopregna-4,6-dien-17-yl acetate		425-51-4
ACI 035912	<b>Chlormadinone Acetate Imp. L (Pharmaeuropa):</b> 6β-chloro-3,20-dioxopregn-4-en-17-yl acetate		2658-74-4

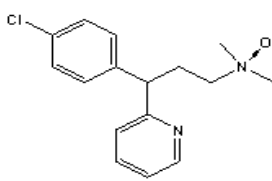
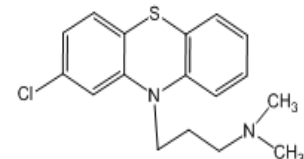
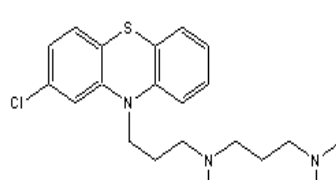
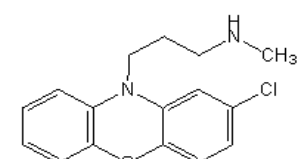
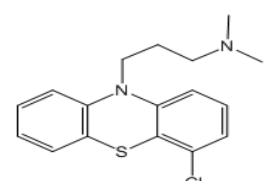
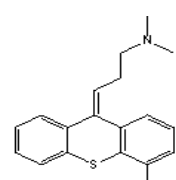
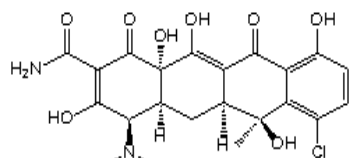
## Chlorobutanol

ACI 036500 **Chlorobutanol hemihydrate:** 1,1,1-Trichloro-2-methylpropan-2-ol hemihydrate



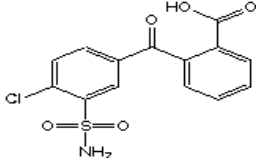
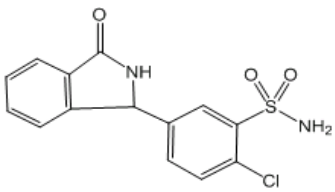
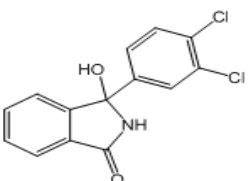
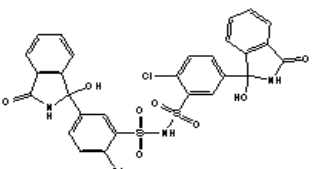
## chlorocresol

Code	Product Name	Structure	CAS No.
ACI 035300	<b>chlorocresol:</b> 4-Chloro-3-methylphenol		59-50-7
<b>Chloroquine</b>			
ACI 033200	<b>Chloroquine phosphate as diphosphate:</b> 7-Chloro-4-[[4-diethylamino-1-methylbutyl]amino]quinoline diphosphate		50-63-5
ACI 033201	<b>Chloroquine phosphate Impurity as dioxalate:</b> 7-Chloro-4-[[4-(ethylamino)-1-methylbutyl]amino]quinoline dioxalate		4298-12-8
<b>Chlorphenamine</b>			
ACI 034101	<b>Chlorphenamine Maleate Imp A (EP) as dihydrochloride:</b> 2-(4-chlorophenyl)-4-(dimethylamino)-2-[2-(dimethylamino)ethyl]butanenitrile dihydrochloride		n/a
ACI 034102	<b>Chlorphenamine Maleate Imp B (EP):</b> N-(pyridin-2-yl)pyridin-2-amine		1202-34-2
ACI 034103	<b>Chlorphenamine Maleate Imp C (EP) as maleate salt:</b> (3RS)-3-(4-chlorophenyl)-N-methyl-3-(pyridin-2-yl)propan-1-amine, maleate		22630-25-7
ACI 034104	<b>Chlorphenamine Maleate Imp D (EP) as maleate salt:</b> (2RS)-2-(4-chlorophenyl)-4-(dimethylamino)-2-(pyridin-2-yl)butanenitrile maleate		n/a

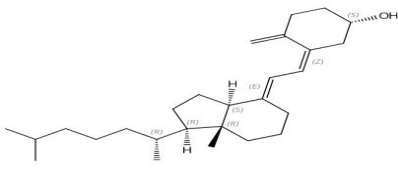
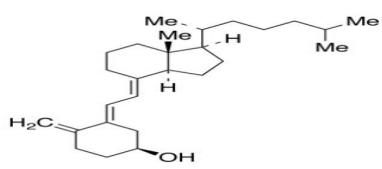
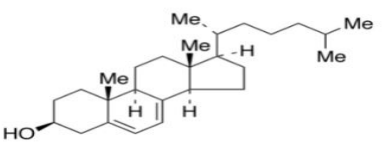
Code	Product Name	Structure	CAS No.
ACI 034111	<b>Chlorphenamine maleate impurity as hydrochloride:</b> Chloraphenamine N-oxide as hydrochloride	 x HCl	n/a
<b>Chlorpromazine</b>			
ACI 035400	<b>Chlorpromazine hydrochloride:</b> 3-(2-Chloro-10H-phenothiazin-10-yl)-N,N-dimethylpropan-1-amine hydrochloride	 x HCl	69-09-0
ACI 035402	<b>Chlorpromazine Hydrochloride Imp. B (EP) as Dihydrochloride:</b> N-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-N,N'-trimethylpropane-1,2-diamine Dihydrochloride	 x HCl	n/a
ACI 035404	<b>Chlorpromazine Hydrochloride Imp. D (EP) as hydrochloride:</b> 3-(2-Chloro-10H-phenothiazin-10-yl)-N-methylpropan-1-amine Hydrochloride	 .HCl	3952-65-9
ACI 035406	<b>Chlorpromazine hydrochloride Imp. F (EP):</b> 3-(4-chloro-10H-phenothiazin-10-yl)-N,N-dimethylpropan-1-amine		13094-24-1
<b>Chlorprothixene</b>			
ACI 033904	<b>Chlorprothixene hydrochloride Imp. D (EP) as Hydrochloride:</b> (Z)-3-(4-chloro-9H-thioxanthen-9-ylidene)-N,N-dimethylpropan-1-amine hydrochloride	 x HCl	95167-06-9
<b>Chlortetracycline</b>			
ACI 036701	<b>Chlortetracycline hydrochloride Imp. A (EP):</b> (4R,4aS,5aS,6S,12aS)-7-chloro-4-(dimethylamino)-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide (4-epichlortetracycline),		14297-93-9

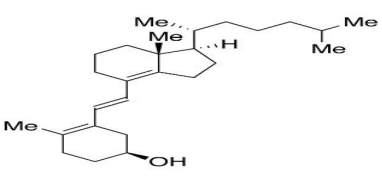
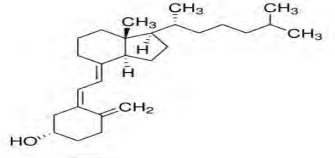
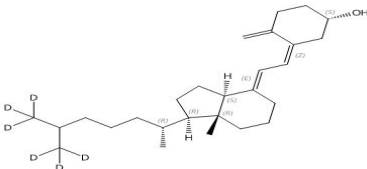
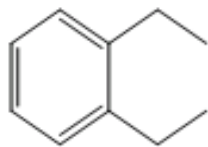
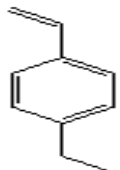
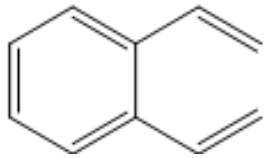
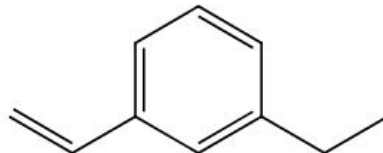
Code	Product Name	Structure	CAS No.
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### Chlorthalidone

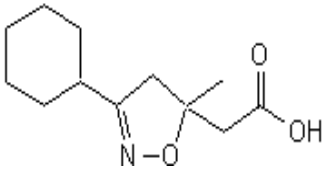
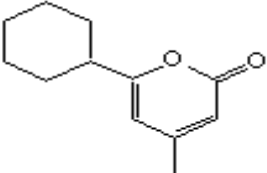
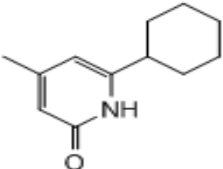
ACI 034602	<b>Chlorthalidone Imp B (EP):</b> 4'-Chloro-3'-sulfamoyl-2-benzophenone carboxylic Acid		5270-74-6
ACI 034605	<b>Chlorthalidone Imp. E (EP):</b> 2-chloro-5-[(1R)-3-oxo-2,3-dihydro-1H-isoindol-1-yl]benzenesulfonamide		82875-49-8
ACI 034607	<b>Chlorthalidone Imp.G (EP):</b> 3-(3,4-Dichlorophenyl)-3-hydroxy-phthalimidine		16289-13-7
ACI 034611	<b>Chlorthalidone Imp.F (EP):</b> 2-chloro-N-(2-chloro-5-(1-hydroxy-3-oxoisindolin-1-yl)phenylsulfonyl)-5-(1-hydroxy-3-oxoisindolin-1-yl)benzene-sulfonamide		1796929-84-4

### Cholecalciferol

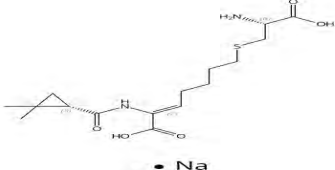
ACI 034500 WS	<b>Cholecalciferol:</b> (5Z,7E)-9,10-Secocholesta-5,7,10(19)-trien-3β-ol		67-97-0
ACI 034501	<b>Cholecalciferol Imp. A (EP):</b> (5E,7E)-9,10-secocholesta-5,7,10(19)-trien-3β-ol		22350-41-0
ACI 034502	<b>Cholecalciferol Imp. B (EP):</b> (3β)-7-Dehydro Cholesterol		434-16-2

Code	Product Name	Structure	CAS No.
ACI 034504	<b>Cholecalciferol Imp. D (EP):</b> (3 $\beta$ ,6E)-9,10-Secocholesta-5(10),6,8(14)-trien-3-ol		22350-43-2
ACI-034500	<b>Cholecalciferol:</b> (5Z,7E)-9,10-Secocholesta-5,7,10(19)-trien-3 $\beta$ -ol		67-97-0
<b>Cholecalciferol-d6</b>			
ACI 034530	<b>Cholecalciferol-d6 / Vitamin D3-d6:</b> (3 $\beta$ ,5Z,7E)-9,10-Secocholesta-5,7,10(19)-trien-3-ol-d6		118584-54-6
<b>Cholestyramine</b>			
ACI 031611	<b>Cholestyramine Impurity:</b> 1,2-Diethylbenzene		135-01-3
ACI 031612	<b>Cholestyramine Impurity:</b> 4-Ethylvinylbenzene		3454-07-7
ACI 031613	<b>Cholestyramine Impurity:</b> Divinylbenzene		91-14-5
ACI 031614	<b>Cholestyramine Impurity:</b> 1-ethyl-3-vinylbenzene		7525-62-4

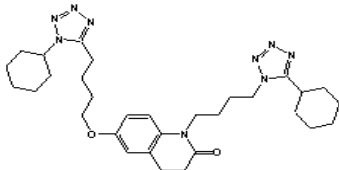
**Ciclopirox**

Code	Product Name	Structure	CAS No.
ACI 037401	<b>Ciclopirox Olamine Imp. A (EP):</b> (RS)-2-(3-Cyclohexyl-5-methyl-4,5-dihydroisoxazol-5-yl)acetic Acid		1823487-53-1
ACI 037402	<b>Ciclopirox Olamine Imp. B (EP):</b> 6-Cyclohexyl-4-methyl-2H-pyran-2-one		14818-35-0
ACI 037403	<b>Ciclopirox Olamine Imp. C (EP):</b> 6-Cyclohexyl-4-methylpyridin-2(1H)-one		67587-24-0

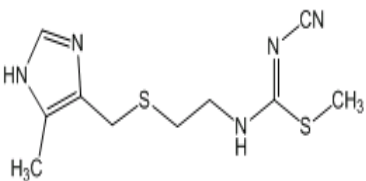
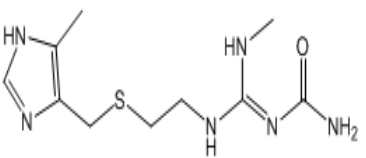
## Cilastatin

ACI-WS-038500	<b>Cilastatin sodium :</b> Sodium(Z)-7-[[[(2R)-2-amino-2-carboxyethyl]sulfanyl]-2-[[[(1S)-2,2-dimethylcyclopropyl]carbonyl]amino]hept-2-enoate		81129-83-1
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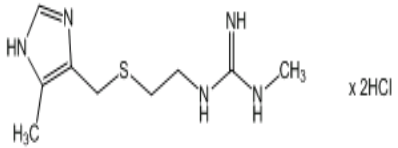
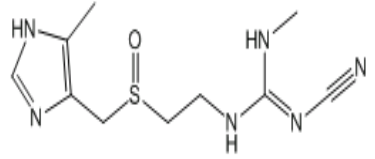
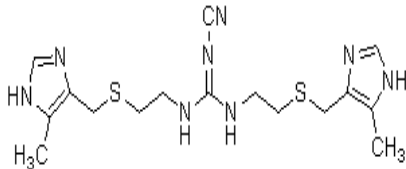
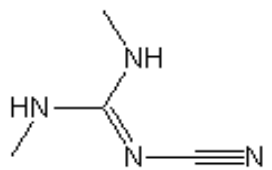
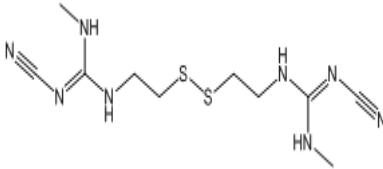
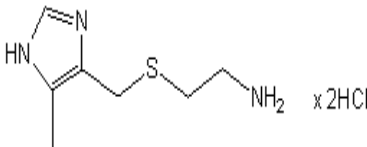
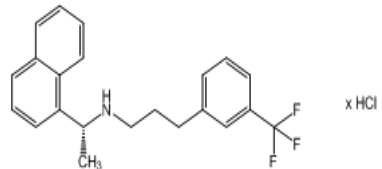
## Cilostazol

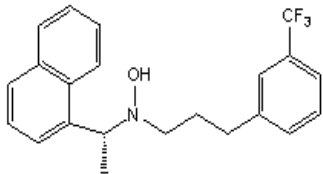
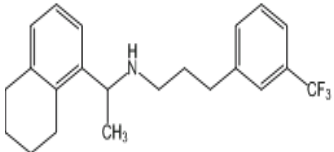
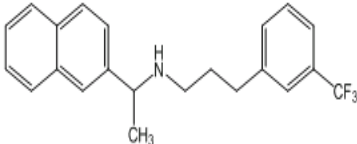
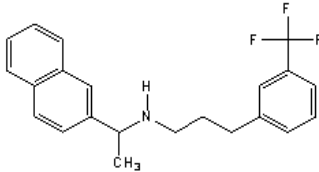
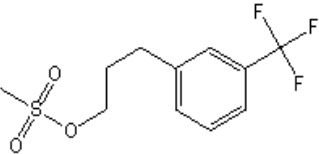
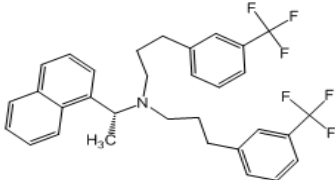
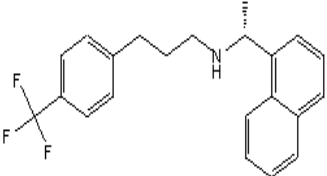
ACI 037811	<b>Cilostazol Impurity:</b> 1-(4-(5-Cyclohexyl-1H-tetrazol-1-yl)butyl)-6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydroquinolin-2(1H)-one		865792-18-3
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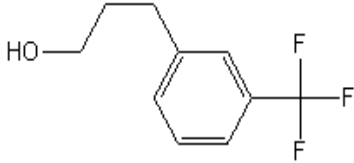
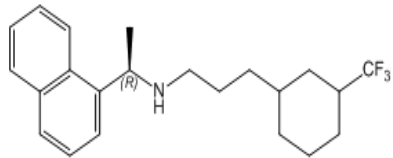
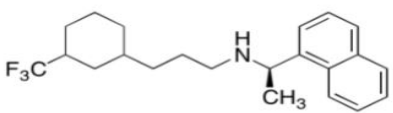
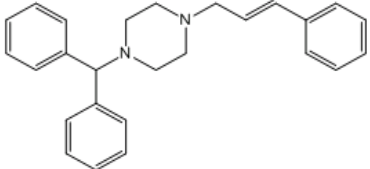
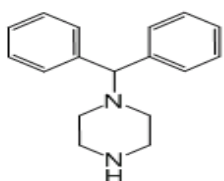
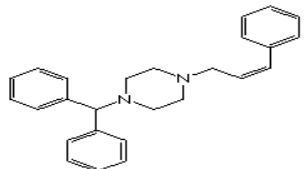
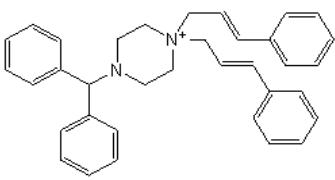
## Cimetidine

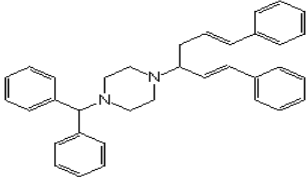
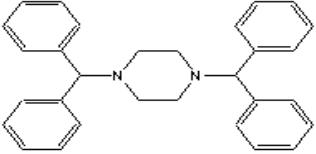
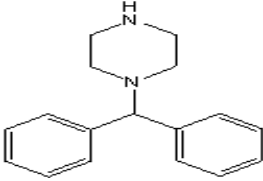
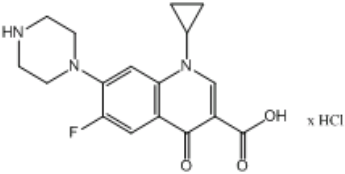
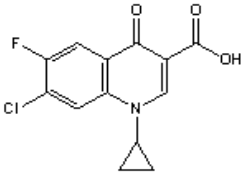
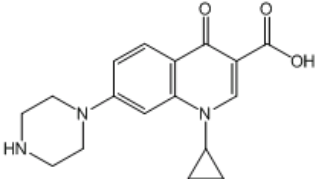
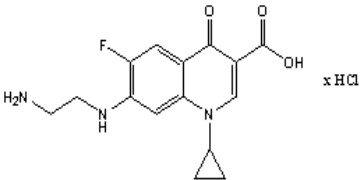
ACI 036001	<b>Cimetidine Imp. A (EP):</b> Methyl 3-cyano-1-[2-[[[(5-methyl-1H-imidazol-4-yl)methyl]sulfanyl] ethyl]carbamimidothioate		52378-40-2
ACI 036003	<b>Cimetidine Imp. C (EP):</b> 1-[(methylamino)[[2-[[[(5-methyl-1H-imidazol-4-yl)methyl]sulfanyl] ethyl]amino]methylidene]urea		77076-18-7

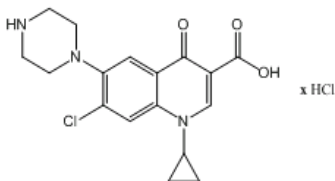
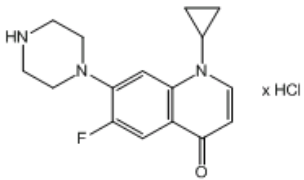
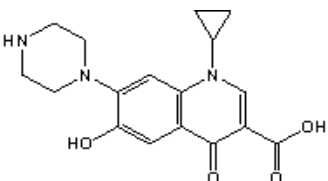
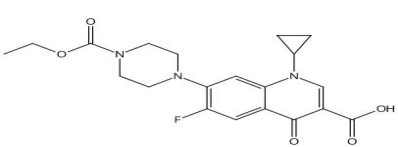
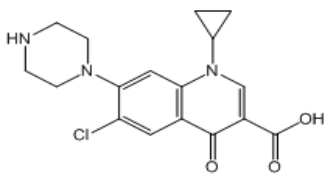
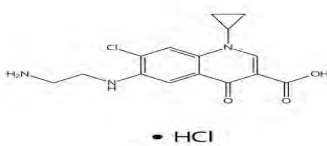
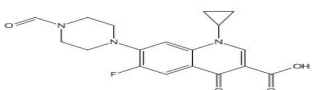


Code	Product Name	Structure	CAS No.
ACI 036004	<b>Cimetidine Imp. D (EP) as dihydrochloride:</b> 1-methyl-3-[2-[[[(5-methyl-1H-imidazol-4-yl)methyl]sulfonyl]ethyl]guanidine dihydrochloride		59660-24-1
ACI 036005	<b>Cimetidine Imp. E (EP):</b> 2-cyano-1-methyl-3[2-[[[(5-methyl-1H-imidazol-4-yl)methyl] sulfonyl]ethyl]guanidine		54237-72-8
ACI 036006	<b>Cimetidine Imp.F (EP):</b> 2-cyano-1,3-bis(2-(((5-methyl-1H-imidazol-4-yl)methyl)thio)ethyl)guanidine		55272-86-1
ACI 036007	<b>Cimetidine Imp. G (EP):</b> 2-cyano-1,3-dimethylguanidine		31857-31-5
ACI 036008	<b>Cimetidine Imp. H (EP):</b> 1,1'-(disulfaneyldiethylene)bis(2-cyano-3-methylguanidine)		74886-59-2
ACI 036010	<b>Cimetidine Imp. J (EP) as dihydrochloride:</b> 2-[[[(5-Methyl-1H-imidazol-4-yl)methyl]sulfonyl]ethanamine dihydrochloride		38603-72-4
<b>Cinacalcet</b>			
ACI 033300	<b>Cinacalcet:</b> (R)-N-[1-(Naphthalen-1-yl) ethyl]-3-[3-(trifluoromethyl)phenyl]propan-1-amine hydrochloride		364782-34-3

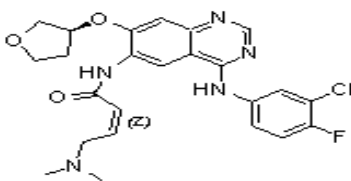
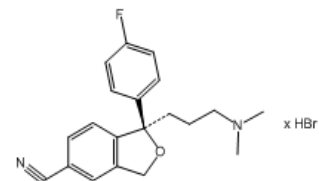
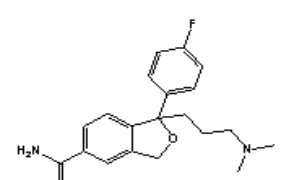
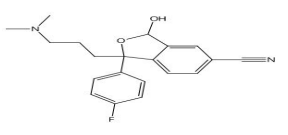
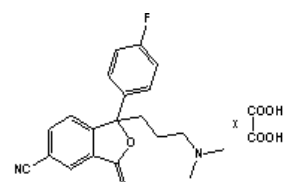
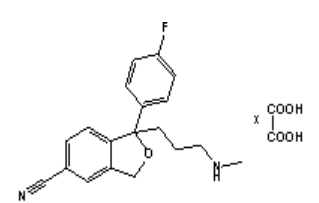
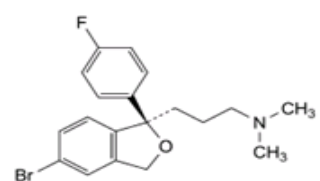
Code	Product Name	Structure	CAS No.
ACI 033301	<b>Cinacalcet Impurity:</b> Cinacalcet N-Oxide		1229224-94-5
ACI 033302	<b>Cinacalcet Impurity as hydrochloride:</b> Tetrahydro Cinacalcet hydrochloride		x HCl 1229225-43-7
ACI 033305	<b>Cinacalcet Impurity as hydrochloride:</b> 2-Naphthyl Cinacalcet hydrochloride		x HCl 1622173-74-3
ACI 033306	<b>Cinacalcet Impurity as hydrochloride:</b> S-Cinacalcet hydrochloride		x HCl 1217809-88-5
ACI 033307	<b>Cinacalcet Impurity:</b> 3-(3-Trifluoromethylphenyl)propyl Methanesulfonate		21172-43-0
ACI 033308	<b>Cinacalcet Impurity:</b> (R)-N-[1-(Naphthalen-1-yl) ethyl]-3-[3-(trifluoromethyl)phenyl]-N-[3-[3-(trifluoromethyl) phenyl] propyl] propan-1-amine		1271930-15-4
ACI 033309	<b>Cinacalcet Impurity:</b> (R)-N-[1-(Naphthalen-1-yl) ethyl]-3-[4-(trifluoromethyl)phenyl]propan-1-amine hydrochloride (Cinacalcet Related compound C)		x HCl 1428118-39-1

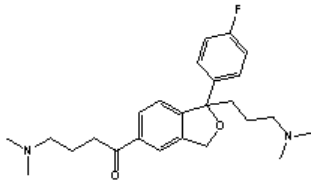
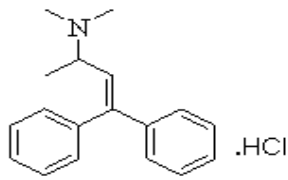
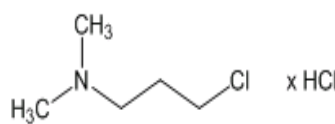
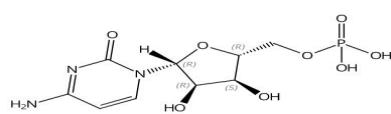
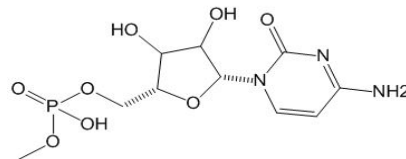
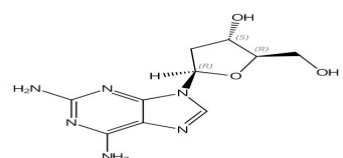
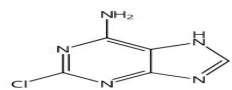
Code	Product Name	Structure	CAS No.
ACI 033310	<b>Cinacalcet Impurity:</b> 3-[3-( Trifluoromethyl )phenyl ] propan-1-ol		78573-45-2
ACI 033311	<b>Cinacalcet Impurity:</b> (aR)-a-Methyl-N-[3-[3-(trifluoromethyl)cyclohexyl]propyl]-1-naphthalenemethanamine		1271930-12-1
ACI 033312	<b>Cinacalcet Impurity:</b> 1-Naphthalen-1-yl-ethyl-[3-(3-trifluoromethyl-cyclohexyl)-propyl]-amine		1271930-12-1
<b>Cinnarizine</b>			
ACI 035700	<b>Cinnarizine:</b> (E)-1-(Diphenylmethyl)-4-(3-phenylprop-2-enyl)piperazine		298-57-7
ACI 035701	<b>Cinnarizine Imp. A (EP):</b> 1-(diphenylmethyl)piperazine		841-77-0
ACI 035702	<b>Cinnarizine Imp. B (EP):</b> (Z)-1-(Diphenylmethyl)-4-(3-phenylprop-2-enyl)piperazine		750512-44-8
ACI 035703	<b>Cinnarizine Imp. C (EP) as chloride:</b> (4-(Diphenylmethyl)-1,1-bis[(E)-3-phenylprop-2-enyl]piperazinium Chloride		Cl <sup>-</sup> n/a

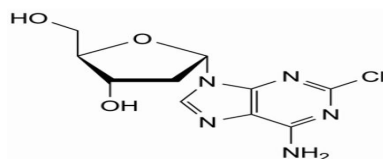
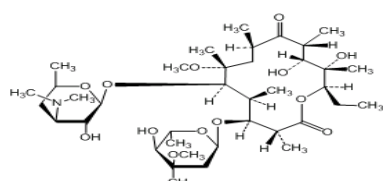
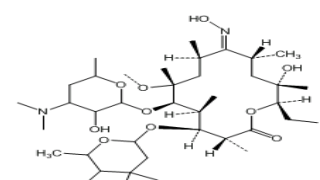
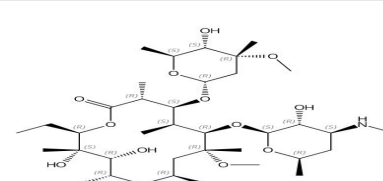
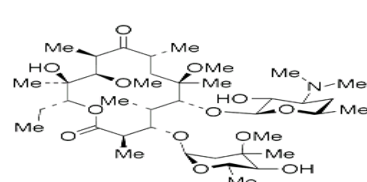
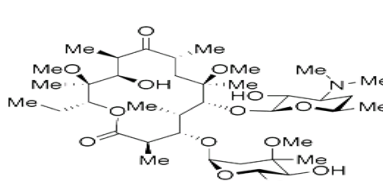
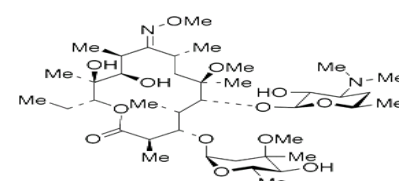
Code	Product Name	Structure	CAS No.
ACI 035704	<b>Cinnarizine Imp. D (EP):</b> 1-(Diphenylmethyl)-4-[(1R,3E)-4-phenyl-1-[(E)-2-phenylethenyl]but-3-enyl]-piperazine		1415587-79-9
ACI 035705	<b>Cinnarizine Imp.E (EP):</b> 1,4-bis(diphenylmethyl) piperazine		216581-01-0
ACI 035707	<b>Cinnarizine Imp.G (EP):</b> 1-Benzhydrylpiperazine		841-77-0
<b>Ciprofloxacin</b>			
ACI 033700	<b>Ciprofloxacin Hydrochloride:</b> 1-Cyclopropyl-6-fluoro-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		86393-32-0
ACI 033701	<b>Ciprofloxacin Imp. A (EP):</b> 7-chloro-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		86393-33-1
ACI 033702	<b>Ciprofloxacin Imp. B (EP):</b> 1-cyclopropyl-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic acid		93107-11-0
ACI 033703	<b>Ciprofloxacin Imp. C (EP) as hydrochloride:</b> 7-[(2-Aminoethyl)amino]-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		528851-31-2

Code	Product Name	Structure	CAS No.
ACI 033704	<b>Ciprofloxacin Imp. D (EP) as hydrochloride:</b> 7-chloro-1-cyclopropyl-4-oxo-6-(piperazin-1-yl)-1,4-dihydroquinoline -3-carboxylic acid hydrochloride		526204-10-4
ACI 033705	<b>Ciprofloxacin Imp. E (EP) as hydrochloride:</b> 1-cyclopropyl-6-fluoro-7-(piperazin-1-yl)quinolin-4(1H)-one hydrochloride		462107-19-3
ACI 033706	<b>Ciprofloxacin Imp. F (EP):</b> 1-cyclopropyl-6-hydroxy-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic acid		226903-07-7
ACI 033711	<b>Ciprofloxacin Impurity:</b> 1-Cyclopropyl-7-(4-(ethoxycarbonyl)piperazin-1-yl)-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		93594-29-7
ACI 033712	<b>Ciprofloxacin Impurity:</b> 6-Chloro-1-cyclopropyl-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic Acid		93106-58-2
ACI 033713	<b>Ciprofloxacin Impurity:</b> 6-((2-Aminoethyl)amino)-7-chloro-1-cyclopropyl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		528851-30-1
ACI 033714	<b>Ciprofloxacin Formamide:</b> 1-Cyclopropyl-6-fluoro-7-(4-formyl-1-piperazinyl)-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acid		93594-39-9

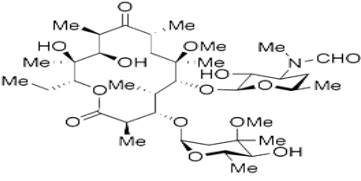
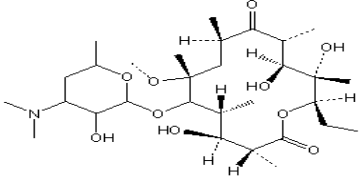
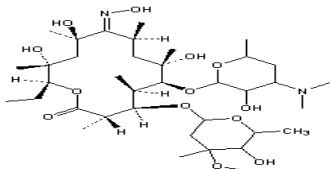
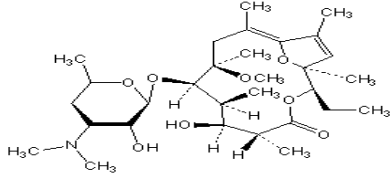
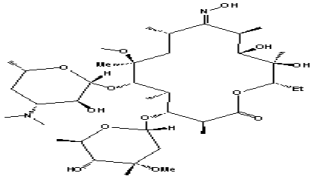
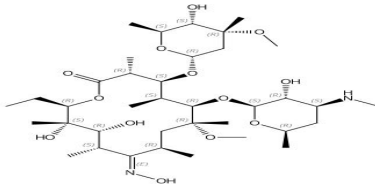
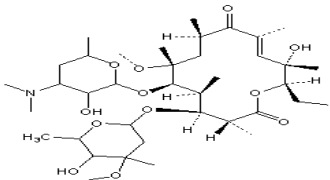
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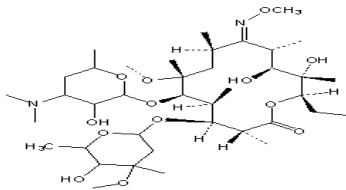
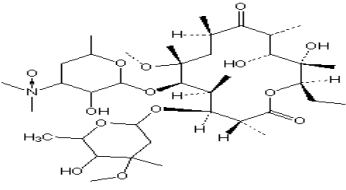
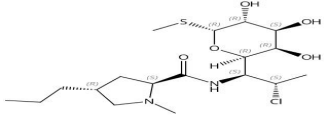
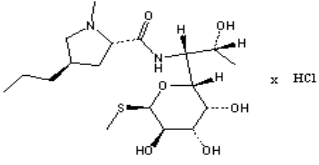
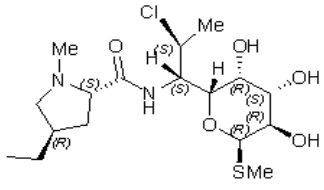
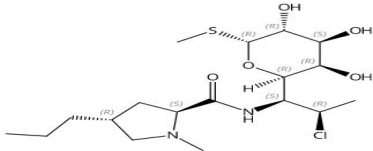
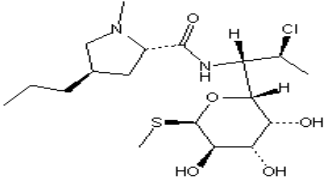
Code	Product Name	Structure	CAS No.
ACI 015514	<b>Cis Afatinib Impurity:</b> (2Z)-2-Butenamide, N-[4-[(3-chloro-4-fluorophenyl)amino]-7-[[[(3S)-tetrahydro-3-furanyl]oxy]-6-quinazoliny]-4-(dimethylamino)-		1680184-59-1
<b>Citalopram</b>			
ACI 030400	<b>Citalopram Hydrochloride:</b> (1RS)-1-[3-(Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile hydrobromide		85118-27-0
ACI 030401	<b>Citalopram Hydrochloride Imp. A (EP):</b> (1RS)-1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carboxamide		64372-56-1
ACI 030402	<b>Citalopram Hydrochloride Imp. B (EP):</b> 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-3-hydroxy-1,3-dihydroisobenzofuran-5-carbonitrile		411221-53-9
ACI 030403	<b>Citalopram Hydrochloride Imp. C (EP) as oxalate:</b> (3RS)-6-cyano-3-[3-(dimethylamino)propyl]-3-(4-fluorophenyl)isobenzofuran-1(3H)-one oxalate		n/a
ACI 030404	<b>Citalopram Hydrochloride Imp. D (EP) as oxalate:</b> (1RS)-1-(4-fluorophenyl)-1-[3-(methylamino)propyl]-1,3-dihydroisobenzofuran-5-carbonitrile oxalate		62498-68-4
ACI 030406	<b>Citalopram Hydrochloride Imp. F (EP):</b> 3-[(1RS)-5-bromo-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-1-yl]-N,N-dimethylpropan-1-amine		n/a

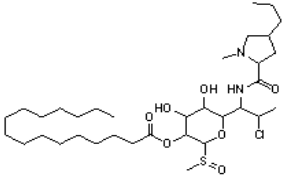
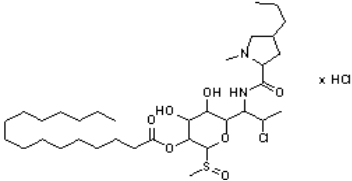
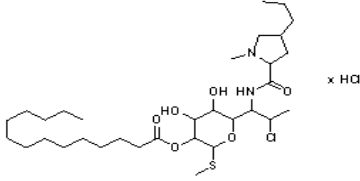
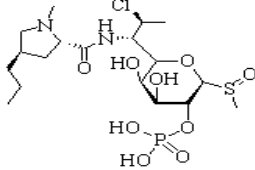
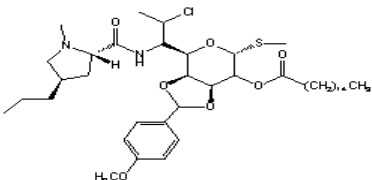
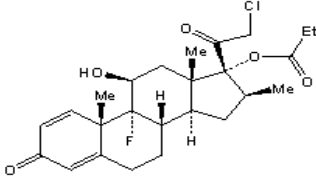
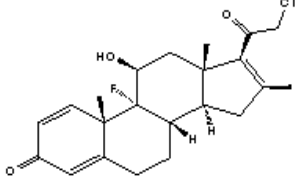
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ACI 030407	<b>Citalopram Hydrochloride Imp. G (EP):</b> 4-(dimethylamino)-1-[1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofuranyl]-1-butanone		1329745-98-3
ACI 030411	<b>Citalopram Hydrochloride Impurity:</b> N,N- (dimethyl-(1-methyl-3,3-diphenyl-allyl)-amine hydrochloride)		55011-89-7
ACI 030413	<b>Citalopram Hydrochloride Impurity:</b> 3-(Dimethylamino)propyl chloride Hydrochloride		5407-04-05
<b>Citicoline</b>			
ACI 034013	<b>Citicoline Sodium Impurity:</b> Cytidine 5'-Monophosphate		63-37-6
ACI 039012	<b>Citicoline Impurity:</b> Cytidine 5'-Monophosphate Methyl Ester		52448-10-9
<b>Cladribine</b>			
ACI 038101	<b>Cladribine Imp.A (EP):</b> 9-(2-deoxy-β-d-erythro-pentofuranosyl)-9H-purin-2,6-diamine		4546-70-7
ACI 038103	<b>Cladribine Imp.C (EP):</b> 2-chloro-7H-purin-6-amine (2-chloroadenine)		1839-18-5

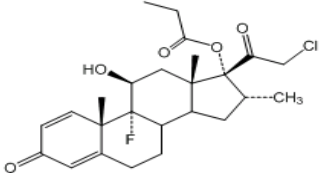
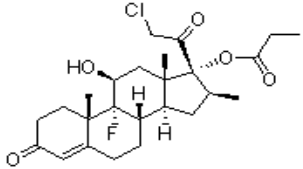
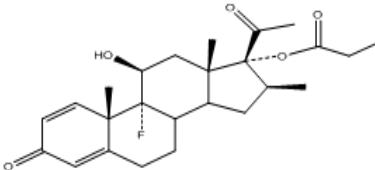
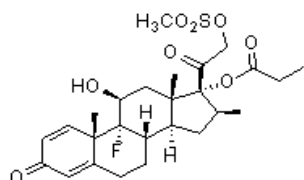
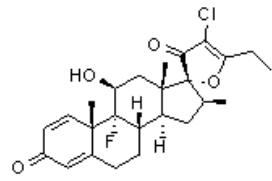
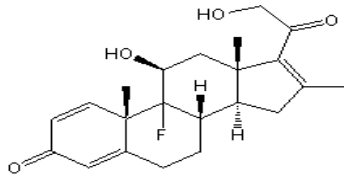
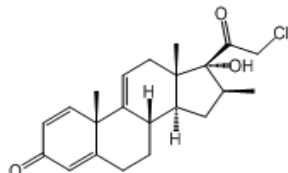
Code	Product Name	Structure	CAS No.
ACI-038104	<b>Cladribine Imp.D (EP):</b> 2-chloro-9-(2-deoxy- $\alpha$ -D-erythro-pentofuranosyl)-9H-purin-6-amine		5542-92-7
<b>Clarithromycin</b>			
ACI 033800	<b>Clarithromycin:</b> (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -l-ribo-hexopyranosyl)oxy]-14-ethyl-12,13-dihydroxy-7-methoxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -d-xylo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione (6-O-methylerythromycin A).		81103-11-9
ACI 033803	<b>Clarithromycin Imp. C (EP):</b> 6-O-Methylerythromycin A (E)-9-oxime		127253-06-9
ACI 033804	<b>Clarithromycin Imp. D (EP):</b> N-Demethylclarithromycin		101666-68-6
ACI 033805	<b>Clarithromycin Imp. E (EP):</b> 6,11-di-O-methylerythromycin A		81103-14-2
ACI 033806	<b>Clarithromycin Imp. F (EP):</b> 6,12-di-O-methylerythromycin A		128940-83-0
ACI 033807	<b>Clarithromycin Imp. G (EP):</b> Clarithromycin (9E)-O-Methylxime		127182-44-9



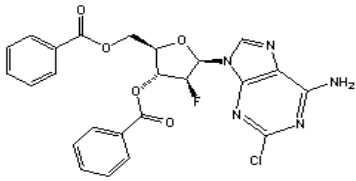
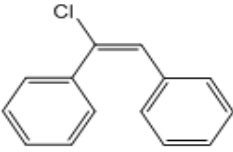
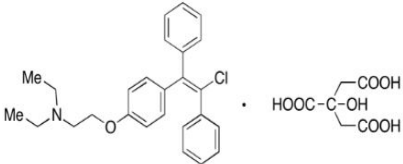
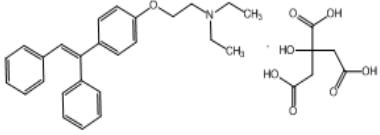
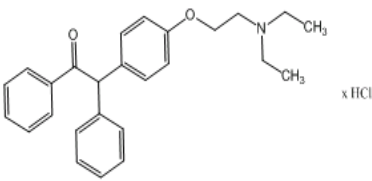
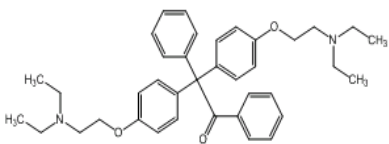
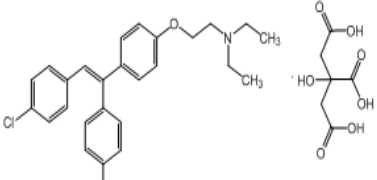
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ACI 033808	<b>Clarithromycin Imp. H (EP):</b> N-Demethyl-N-formyl-6-O-methylerythromycin		127140-69-6
ACI 033809	<b>Clarithromycin Imp. I (EP):</b> 3-O-Decladinosyl-6-O-methylerythromycin A		118058-74-5
ACI 033810	<b>Clarithromycin Imp. J (EP):</b> Erythromycin A (E)-9-oxime		13127-18-9
ACI 033811	<b>Clarithromycin Imp. K (EP):</b> (1S,2R,5R,6S,7S,8R,9R,11Z)-2-ethyl-6-hydroxy-9-methoxy-1,5,7,9,11,13-hexamethyl-8-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-3,15-dioxabicyclo [10.2.1]pentadeca-11,13-dien-4-one (3-O-decladinosyl-8,9:10,11-dianhydro-6-O-methylerythromycin A-9,12-hemiketal		127157-35-1
ACI 033812	<b>Clarithromycin Imp. L (EP):</b> 6-O-Methylerythromycin A (Z)-9-oxime		127253-05-8
ACI 033813	<b>Clarithromycin Imp. M (EP):</b> 3''-N-Demethyl-6-O-methylerythromycin A (E)-9-oxime		127182-43-8
ACI 033814	<b>Clarithromycin Imp. N (EP):</b> (10E)-10, 11-didehydro-11-deoxy-6-O-methylerythromycin A		144604-03-5

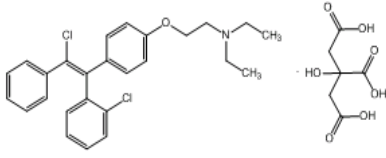
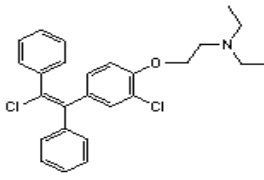
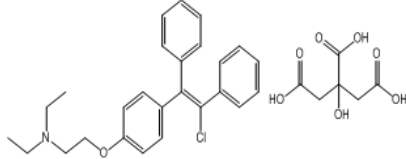
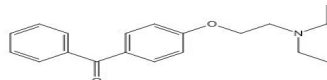
Code	Product Name	Structure	CAS No.
ACI 033815	<b>Clarithromycin Imp. O (EP):</b> 6-O-methylerythromycin A (Z)-9-(O-methylxime)		127252-80-6
ACI 033821	<b>Clarithromycin Impurity:</b> Clarithromycin-N-Oxide		118074-07-0
<b>Clindamycin</b>			
ACI 031700	<b>Clindamycin hydrochloride:</b> Methyl 7-chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-propylpyrrolidin-2-yl]carbonyl]amino]-1-thio-L-threo-a-d-galacto-octopyranoside		21462-39-5
ACI 031701	<b>Clindamycin phosphate Imp. A (EP) as hydrochloride:</b> methyl 6,8-dideoxy-6-[[[(2S,4R)-1-methyl-4-propylpyrrolidin-2-yl]carbonyl]amino]-1-thio-D-erythro-a-d-galacto-octopyranoside hydrochloride		859-18-7
ACI 031702	<b>Clindamycin Hydrochloride Imp.B (EP):</b> (2S-trans)-Methyl 7-Chloro-6,7,8- trideoxy-6-[[[(4-ethyl-1-methyl-2-pyrrolidinyl)carbonyl]amino]-1-thio-L-threo--D-galactooctopyranoside		18323-43-8
ACI 031703	<b>Clindamycin Hydrochloride Imp.C (EP):</b> Methyl 7-Chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-propyl-2-pyrrolidinyl]carbonyl]amino]-1-thio-D-erythro-a-D-galacto-octopyranoside		16684-06-3
ACI 031705	<b>Clindamycin phosphate Imp. E (EP):</b> methyl 7-chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-propylpyrrolidin-2-yl]carbonyl]amino]-1-thio-L-threo-a-D-galacto-octopyranoside (clindamycin),		18323-44-9

Code	Product Name	Structure	CAS No.
ACI 031710	<b>Clindamycin Hydrochloride Impurity:</b> Clindamycin palmitate sulfoxide		123211-65-3
ACI 031711	<b>Clindamycin Hydrochloride Impurity as hydrochloride:</b> Clindamycin palmitate sulfoxide hydrochloride	 x HCl	n/a
ACI 031712	<b>Clindamycin Hydrochloride Impurity as hydrochloride:</b> Clindamycin myristate hydrochloride	 x HCl	n/a
ACI 031715	<b>Clindamycin phosphate Impurity:</b> Clindamycin phosphate sulfoxide		1228573-90-7
ACI 031716	<b>Clindamycin Hydrochloride Impurity:</b> Methyl α-trans-7-chloro-6,7,8-trideoxy-3,4-O-(p-methoxybenzylidene)-6-(1-methyl-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo-D-galacto-octopyranoside 2-Palmitate (Anisylidene clindamycin palmitate)		25670-17-1
<b>Clobetasol</b>			
ACI 035200	<b>Clobetasol propionate:</b> 21-Chloro-9-fluoro-11β-hydroxy-16β-methyl-3,20-dioxopregna-1,4-dien-17-yl propanoate		25122-46-7
ACI 035202	<b>Clobetasol propionate Imp. B (EP):</b> 21-chloro-9-fluoro-11β-hydroxy-16-methylpregna-1,4,16-triene-3,20-dione		1356190-17-4

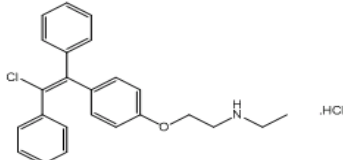
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ACI 035203	<b>Clobetasol propionate Imp. C (EP):</b> 21-chloro-9-fluoro-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3,20-dioxopregna-1,4-dien-17-yl propanoate		25122-52-5
ACI 035204	<b>Clobetasol propionate Imp. D (EP):</b> 21-chloro-9-fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-3,20-dioxopregn-4-en-17-yl propanoate(1,2-dihydroclobetasol 17-propionate)		25120-99-4
ACI 035208	<b>Clobetasol propionate Imp. H (EP):</b> 9-fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-dien-17-yl propanoate		4351-48-8
ACI 035209	<b>Clobetasol propionate Imp. I (EP):</b> 9-fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methyl-21-[(methylsulfonyl)oxy]-3,20-dioxopregna-1,4-dien-17-yl propanoate		15423-80-0
ACI 035210	<b>Clobetasol propionate Imp. J (EP):</b> (17R)-4'-chloro-5'-ethyl-9-fluoro-11 $\beta$ -hydroxy-16 $\beta$ -methylspiro[androsta-1,4-diene-17,2'(3'H)-furan]-3,3'-dione (17 $\alpha$ -spiro compound)		1486466-31-2
ACI 035221	<b>Clobetasol propionate Impurity:</b> (11 $\beta$ )-9-Fluoro-11,21-dihydroxy-16-methylpregna-1,4,16-triene-3,20-dione		59860-99-0
ACI 035222	<b>Clobetasol propionate Impurity:</b> (16 $\beta$ )-21-Chloro-17-hydroxy-16-methylpregna-1,4,9(11)-triene-3,20-dione		116846-77-6

## Clofarabine

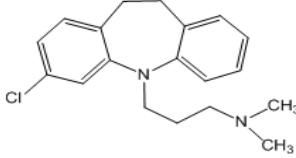
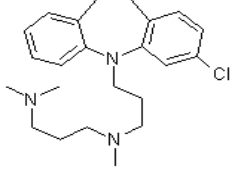
Code	Product Name	Structure	CAS No.
ACI 038411	<b>Clofarabine Impurity</b> : 2-Chloro-9-(2-deoxy-2-fluoro-3,5-di-O-benzoyl-b-D-arabinofuranosyl)-9H-purin-6-amine		355138-50-0
<b>Clomifene</b>			
ACI 036212	<b>Clomifene citrate Impurity:</b> (E)-1-chloro-1,2-diphenylethene		948-98-1
ACI 036214	<b>Clomifene citrate Impurity (Enclomiphene):</b> (E)-2-[4-(2-chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine 2-Hydroxy-1,2,3-propanetricarboxylate		7599-79-3
ACI 036201	<b>Clomifene citrate Imp. A (EP) as Citrate salt</b> : 2-[4-(1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine citrate (Deschloroclofiphene citrate)		19957-53-0
ACI 036203	<b>Clomifene citrate Imp. C (EP) as hydrochloride:</b> (2RS)-2-[4-[2-(diethylamino)ethoxy]phenyl]-1,2-diphenylethanone hydrochloride		5635-70-1
ACI 036204	<b>Clomifene Citrate Imp. D (EP):</b> 2,2-bis[4-[2-(diethylamino)ethoxy]phenyl]-1,2-diphenylethanone		1391054-64-0
ACI 036205	<b>Clomifene citrate Imp. E (EP) as Citrate salt:</b> 2-[4-[1,2-Bis(4-chlorophenyl)ethenyl]phenoxy]-N,N-diethylethanamine citrate		117884-83-0

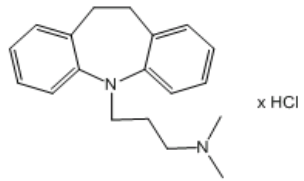
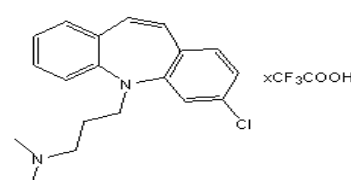
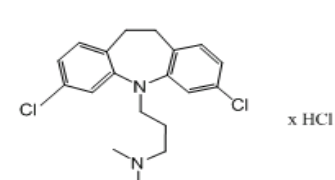
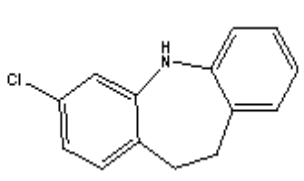
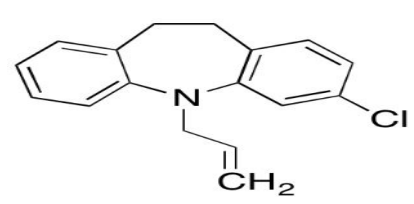

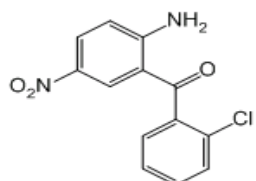
Code	Product Name	Structure	CAS No.
ACI 036206	<b>Clomifene citrate Imp. F (EP) as Citrate salt :</b> (2-[4-[2-chloro-2-(4-chlorophenyl)-1-phenylethyl]phenoxy]-N,N-diethylethanamine citrate		14158-75-9
ACI 036207	<b>Clomifene citrate Imp.G (EP):</b> 2-(2-Chloro-4-(2-chloro-1,2-diphenylvinyl)phenoxy)-N,N-diethylethanamine		1795130-17-4
ACI 036210	<b>Clomifene citrate Impurity:</b> (Z)-2-[4-(2-chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethyl-ethanamine-2-Hydroxy-1,2,3-propanetricarboxylate		7619-53-6
ACI-036202	<b>Clomifene citrate Imp.B(EP):</b> [4-[2-(diethylamino)ethoxy]phenyl]phenylmethanone		796-77-0

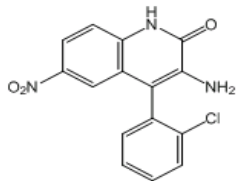
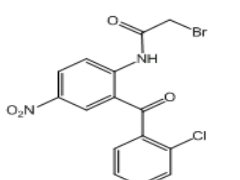
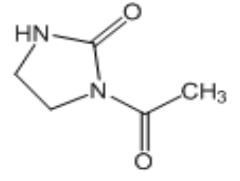
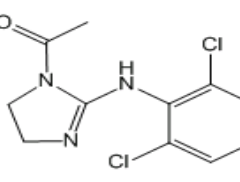
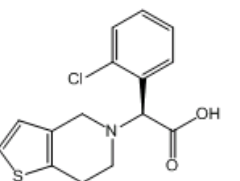
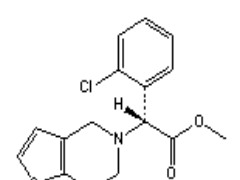
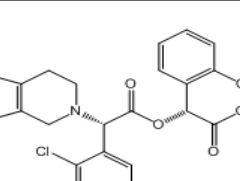
## Clomiphene

ACI 036211	<b>Clomiphene Citrate Impurity as Hydrochloride salt:</b> 2-[4-[(1E)-2-Chloro-1,2-diphenylethenyl]phenoxy]-N-ethylethanamine Hydrochloride (N-Desethyl-E-Clomiphene Hydrochloride)		21625-70-7
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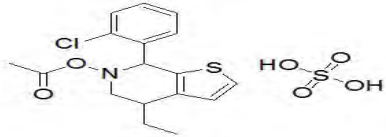
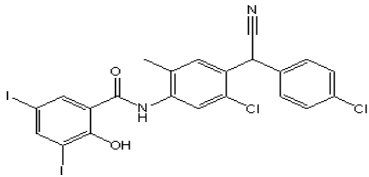
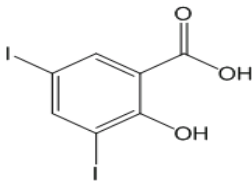
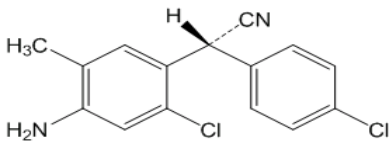
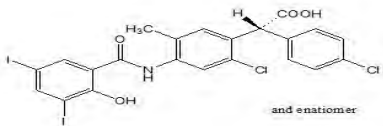
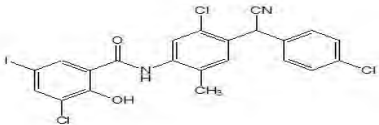
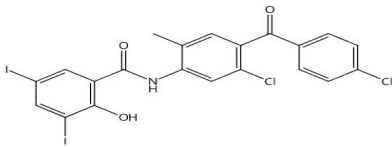
## Clomipramine

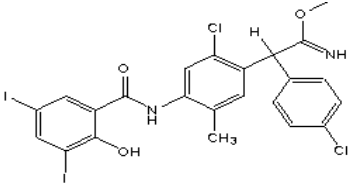
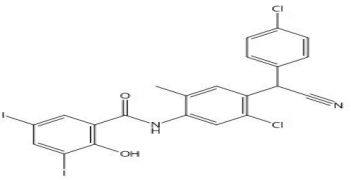
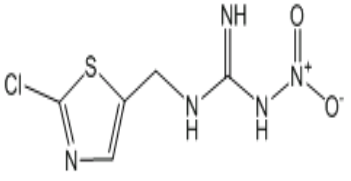
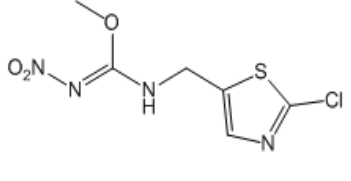
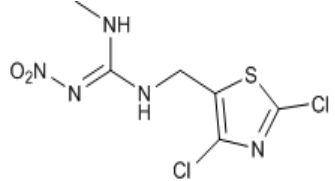
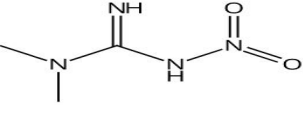
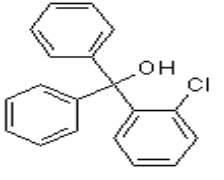
ACI 030100	<b>Clomipramine Hydrochloride:</b> 3-(3-Chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine hydrochloride		x HCl 17321-77-6
ACI 030101	<b>Clomipramine Hydrochloride Imp. A (EP) as dihydrochloride:</b> N-[3-(3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)propyl]-N,N',N'-trimethylpropane-1,3-diamine dihydrochloride		x 2HCl n/a

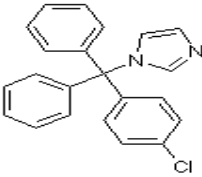
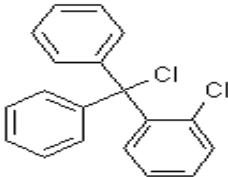
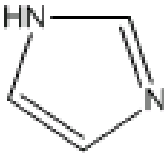
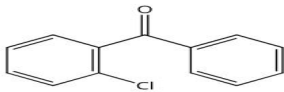
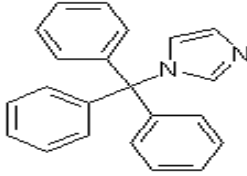
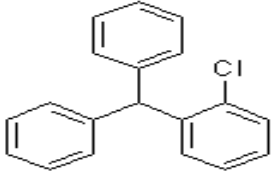
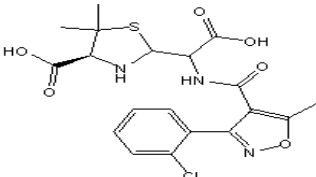
Code	Product Name	Structure	CAS No.
ACI 030102	<b>Clomipramine Hydrochloride Imp. B (EP) as hydrochloride:</b> 3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine hydrochloride		113-52-0
ACI 030103	<b>Clomipramine Hydrochloride Imp. C (EP) as Trifluoroacetate salt:</b> 3-(3-chloro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine Trifluoroacetate		n/a
ACI 030104	<b>Clomipramine Hydrochloride Imp. D (EP) as Hydrochloride:</b> 3-(3,7-dichloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine hydrochloride		115189-28-1
ACI 030106	<b>Clomipramine Hydrochloride Imp. F (EP):</b> 3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepine		32943-25-2
ACI 030107	<b>Clomipramine HCl Impurity G (EP):</b> 3-chloro-5-(prop-2-en-1-yl)-10,11-dihydro-5H-dibenzo[b,f]azepine		1425793-87-8
ACI WS-030100	<b>Clomipramine Hydrochloride:</b> 3-(3-Chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine hydrochloride		17321-77-6
<b>Clonazepam</b>			
ACI 037501	<b>Clonazepam Imp.A (EP):</b> (2-Amino-5-nitrophenyl)(2-chlorophenyl) methanone		2011-66-7

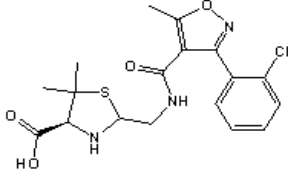
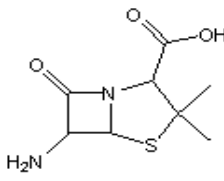
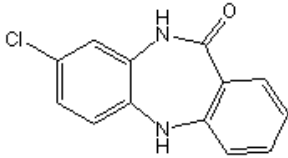
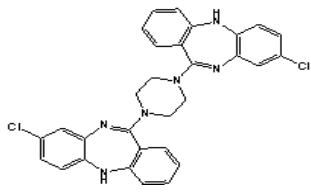
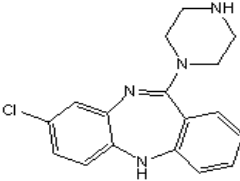
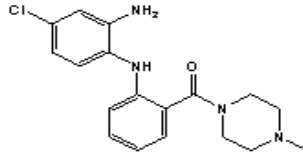
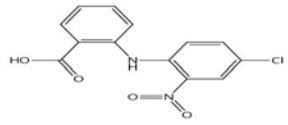
Code	Product Name	Structure	CAS No.
ACI 037502	<b>Clonazepam Imp.B (EP):</b> 3-amino-4-(2-chlorophenyl)-6-nitroquinolin-2(1H)-one OR (3-Amino-4-(2-chlorophenyl)-6-nitrocarbostyryl)		55198-89-5
ACI 037511	<b>Clonazepam Impurity:</b> 2-bromo-2'-(2-chlorobenzoyl)-4'-nitroacetanilide		52130-87-7
<b>Clonidine</b>			
ACI 037601	<b>Clonidine hydrochloride Imp.A (EP):</b> 1-Acetylimidazolidin-2-one		5391-39-9
ACI 037611	<b>Clonidine hydrochloride Imp. B (EP):</b> (1-acetyl-2-(2,6-dichlorophenylimino)imidazolidine)		54707-71-0
<b>Clopidogrel</b>			
ACI 033401	<b>Clopidogrel Hydrogen Sulfate Imp. A (EP):</b> (2S)-(2-Chlorophenyl)[6,7-dihydrothieno[3,2-c]pyridin-5(4H)-yl]acetic acid		144457-28-3
ACI 033403	<b>Clopidogrel hydrogen sulfate Imp. C (EP) as Hydrogen Sulfate:</b> Methyl (2R)-(2-Chlorophenyl)[6,7-dihydrothieno[3,2-c]-pyridin-5(4H)-yl]acetate Hydrogen Sulfate		120202-71-3
ACI 033404	<b>Clopidogrel hydrogen sulfate Imp. D (EP):</b> Methyl (2R)-(2-chlorophenyl)[(2S)-(2-chlorophenyl)[6,7-dihydrothieno[3,2-c]pyridin-5(4H)-yl]acetyloxy]acetate		78919-26-3



Code	Product Name	Structure	CAS No.
ACI 033411	<b>Clopidogrel Hydrogen Sulfate Imp. B (EP) as Racemate Hydrogen Sulfate:</b> ethyl (2RS)-(2-chlorophenyl)[4,7-dihydrothieno[2,3-c]pyridin-6(5H)-yl]acetate hydrogen sulfate		NA
<b>Closantel</b>			
ACI 035500	<b>Closantel:</b> N-[5-chloro-4-[(4-chlorophenyl)-cyanomethyl]-2-methylphenyl]-2-hydroxy-3,5-diiodobenzamide		57808-65-8
ACI 035501	<b>Closantel sodium dihydrate Imp. A (EP):</b> 2-Hydroxy-3,5-diiodobenzoic acid		133-91-5
ACI 035502	<b>Closantel sodium dihydrate Imp. B (EP):</b> (2RS)-[4-amino-2-chloro-5-methylphenyl](4-chlorophenyl)ethanenitrile		NA
ACI 035503	<b>Closantel sodium dihydrate Imp. C(EP):</b> (2RS)-[2-chloro-4-[(2-hydroxy-3,5-diiodobenzoyl) amino]-5-methylphenyl](4-chlorophenyl)acetic acid		NA
ACI 035505	<b>Closantel sodium dihydrate Imp. E(EP):</b> 3-Chloro-N-[5-chloro-4-[(RS)- (4-chlorophenyl) cyanomethyl]-2-methylphenyl]-2-hydroxy-5-iodobenzamide		NA
ACI 035506	<b>Closantel sodium dihydrate Imp. F(EP):</b> N-[5-chloro-4-(4-chlorobenzoyl)-2-methylphenyl]-2-hydroxy-3,5-diiodobenzamide		50274-07-2

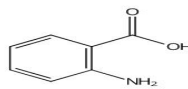
Code	Product Name	Structure	CAS No.
ACI 035507	<b>Closantel sodium dihydrate Imp. G(EP):</b> Methyl (2RS)-2-[2-chloro-4-[(2-hydroxy-3,5-diiodobenzoyl) amino]-5-methylphenyl]-2-(4-chlorophenyl)acetimidate		n/a
ACI 035521	<b>Closantel:</b> N-[5-chloro-4-[(4-chlorophenyl)-cyanomethyl]-2-methylphenyl]-2-hydroxy-3,5-diiodobenzamide		57808-65-8
<b>Clothianidin</b>			
ACI 036801	<b>Clothianidin Impurity:</b> N-(2-chlorothiazol-5-ylmethyl)-N'-nitroguanidine		135018-15-4
ACI 036802	<b>Clothianidin Impurity:</b> N-(2-chlorothiazol-5-ylmethyl)-O-methyl-N'-nitroisourea		187149-02-6
ACI 036803	<b>Clothianidin Impurity:</b> N-(2,4-dichlorothiazol-5-ylmethyl) N'-methyl-N'-nitro guanidine		NA
ACI 036806	<b>Clothianidin Impurity:</b> N,N-dimethyl-N"-nitrguanidine		5465-97-4
<b>Clotrimazole</b>			
ACI 030301	<b>Clotrimazole Imp. A (EP):</b> (2-Chlorophenyl)diphenylmethanol		66774-02-05

Code	Product Name	Structure	CAS No.
ACI 030302	<b>Clotrimazole Imp. B (EP):</b> 1-[(4-chlorophenyl)diphenylmethyl]-1H-imidazole		23593-71-7
ACI 030303	<b>Clotrimazole Imp. C (EP):</b> 1-chloro-2-(chlorodiphenylmethyl)benzene		42074-68-0
ACI 030304	<b>Clotrimazole Imp. D (EP) or Ondansetron Hydrochloride Dihydrate Imp. E (EP) or Sildenafil Citrate Imp. E (Pharmeuropa):</b> 1H-imidazole (imidazole)		288-32-4
ACI 030305	<b>Clotrimazole Imp. E (EP):</b> 2-Chlorobenzophenone		5162-03-8
ACI 030306	<b>Clotrimazole Imp. F (EP):</b> 1-(Triphenylmethyl)-1H-Imidazole		15469-97-3
ACI 030311	<b>Clotrimazole Impurity:</b> 1-chloro-2-(diphenylmethyl)benzene		56153-60-7
<b>Cloxacillin</b>			
ACI 031401	<b>Cloxacillin Sodium Imp. A (EP):</b> (4S)-2-[Carboxy[[[3-(2-chlorophenyl)-5-methylisoxazol-4-yl]carbonyl] amino] methyl]-5,5-dimethylthiazolidine-4-carboxylic acid		38977-94-5

Code	Product Name	Structure	CAS No.
ACI 031402	<b>Cloxacillin Sodium Imp. B (EP):</b> (2R,4S)-2-[[[3-(2-Chlorophenyl)-5-methylisoxazol-4-yl]carbonyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid		1642559-64-5
ACI 031403	<b>Cloxacillin Sodium Imp. C (EP):</b> (2S,5R,6R)-6-amino-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid		551-16-6
<b>Clozapine</b>			
ACI 032401	<b>Clozapine Imp. A (EP):</b> 8-chloro-5,10-dihydro-11H-dibenzo[b,e][1,4]diazepin-11-one		50892-62-1
ACI 032402	<b>Clozapine Imp. B (EP):</b> 11,11'-(Piperazine-1,4-diyl)bis(8-chloro-5H-dibenzo[b,e][1,4]diazepine)		263366-81-0
ACI 032403	<b>Clozapine Imp. C (EP):</b> 8-chloro-11-(piperazin-1-yl)-5H-dibenzo[b,e][1,4]diazepine		6104-71-8
ACI 032404	<b>Clozapine Imp. D (EP):</b> 1-[2-[(2-amino-4-chlorophenyl)amino]benzoyl]-4-methylpiperazine		65514-71-8
ACI 032411	<b>Clozapine impurity:</b> 2-[(4-Chloro-2-nitrophenyl)amino]benzoic Acid		60091-87-4

Code	Product Name	Structure	CAS No.
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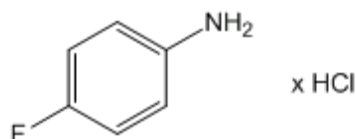
ACI 032412 **Clozapine impurity: 2-Amino benzoic acid**



118-92-3

## Cobazanatinib

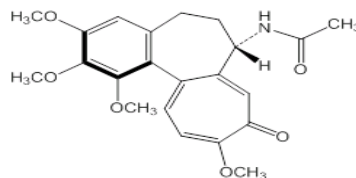
ACI 039215 **Cobazanatinib Impurity: 4-Fluoroaniline Hydrochloride**



2146-07-8

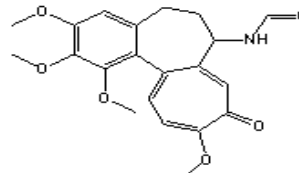
## Colchicine

ACI 031100 **Colchicine: (-)-N-[(7S,12aRa)-1,2,3,10-Tetramethoxy-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl]acetamide**



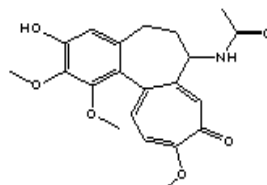
64-86-8

ACI 031101 **Colchicine Imp. A (EP): N-[(7S,12aRa)-1,2,3,10-tetramethoxy-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl]formamide**



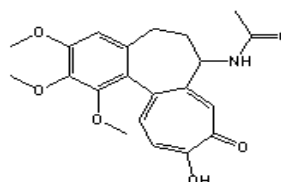
7411-12-3

ACI 031105 **Colchicine Imp. E (EP): N-[(7S,12aRa)-3-hydroxy-1,2,10-trimethoxy-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl]acetamide**



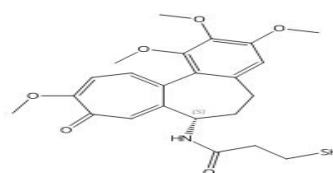
7336-33-6

ACI 031106 **Colchicine Imp. F (EP): N-[(7S,12aRa)-10-hydroxy-1,2,3-trimethoxy-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl]acetamide**



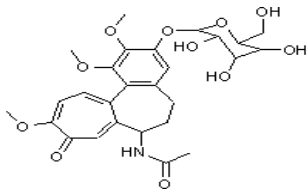
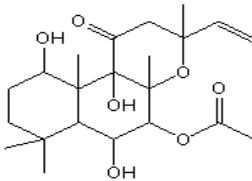
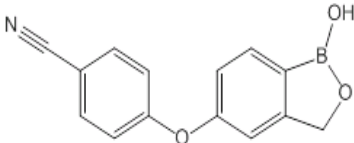
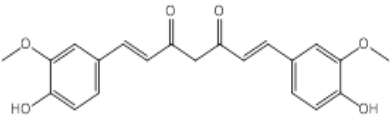
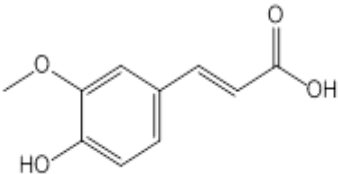
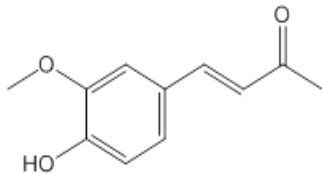
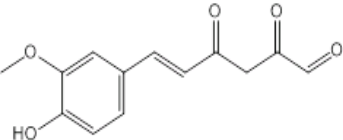
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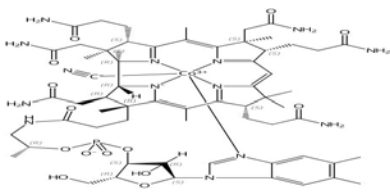
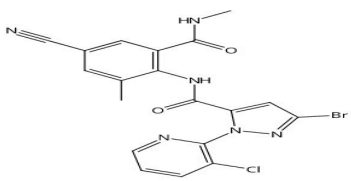
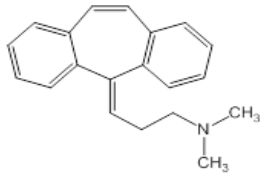
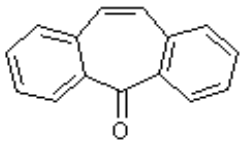
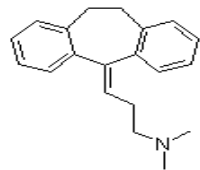
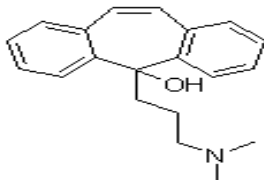
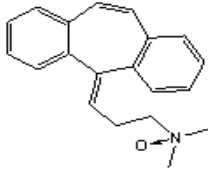
ACI 031111 **Colchicine Impurity 1 : (S)-3-Mercapto-N-(1,2,3,10-tetramethoxy-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl)propanamide**

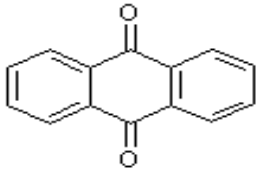
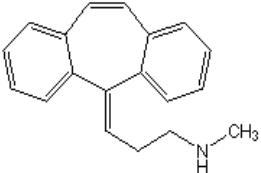
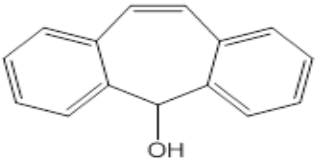


172756-13-7

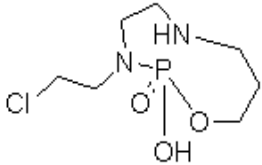
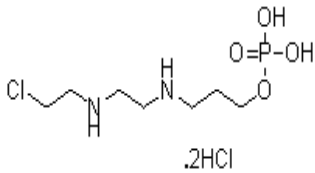
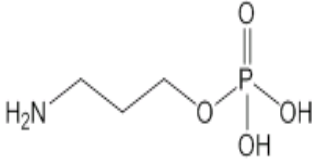

## Colchicoside

Code	Product Name	Structure	CAS No.
ACI 031300	<b>Colchicoside:</b> N-[(7S,12aRa)-3-(β-d-glucopyranosyloxy)-1,2,10-trimethoxy-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl]acetamide		477-29-2
<b>Coleus</b>			
ACI 032801	<b>Coleus forskohlii:</b> Forskolin: (3R,4aR,5S,6S,6aS,10S,10aR,10bS)-5-(Acetyloxy)-3-ethenyldodecahydro-6,10,10b-trihydroxy-3,4a,7,7,10a-pentamethyl-1H-naphtho[2,1-b]pyran-1-one		66575-29-9
<b>Crisaborole</b>			
ACI 039300	<b>Crisaborole:</b> 4-[(1-Hydroxy-1,3-dihydro-2,1-benzoxaborol-5-yl)oxy]benzonitrile		906673-24-3
<b>Curcumin</b>			
ACI 030700	<b>Curcumin:</b> (E,E)-1,7-bis(4-Hydroxy-3-methoxyphenyl)-1,6-heptadiene-3,5-dione		458-37-7
ACI 030705	<b>Curcumin Impurity:</b> (2E)-3-(4-hydroxy-3-methoxyphenyl)-2-Propenoic acid		1135-24-6
ACI 030706	<b>Curcumin Impurity:</b> 4-(4-hydroxy-3-methoxyphenyl)-3-Buten-2-one		1080-12-2
ACI 030707	<b>Curcumin Impurity:</b> (5E)-6-(4-hydroxy-3-methoxyphenyl)-2,4-dioxo-5-Hexenal (trans-6-(4'-Hydroxy-3'-methoxyphenyl)-2,4 dioxo-5-hexenal		1427558-50-6

Code	Product Name	Structure	CAS No.
<b>Cyanocobalamin(</b>			
ACI 037300	<b>Cyanocobalamin( Vitamin B12):</b> $\alpha$ -(5,6-Dimethylbenzimidazol-1-yl)cobamide cyanide		68-19-9
<b>cyantraniliprole</b>			
ACI 036300	<b>cyantraniliprole:</b> 3-Bromo-1-(3-chloropyridin-2-yl)-N-(4-cyano-2-methyl-6-(methylcarbamoyl)phenyl)-1H-pyrazole-5-carboxamide		736994-63-1
<b>Cyclobenzaprine</b>			
ACI 030800	<b>Cyclobenzaprine Hydrochloride:</b> 3-(5H-dibenzo[a,d] [7]annulen-5-ylidene)-N,Ndimethylpropan-1-aminehydrochloride	 x HCl	6202-23-9
ACI 030801	<b>Cyclobenzaprine Hydrochloride Impurity:</b> 5H-Dibenzo [a,d]cycloheptene-5-one		2222-33-5
ACI 030802	<b>Cyclobenzaprine Hydrochloride Impurity as hydrochloride:</b> 3-(10,11-Dihydro-5H-Dibenzo[a,d] [7]annulen-5-ylidene)-N,N-dimethylpropan-1-amine hydrochloride	 x HCl	549-18-8
ACI 030803	<b>Cyclobenzaprine Hydrochloride Impurity:</b> 5-(3-(Dimethylamino)propyl)-5H-dibenzo[a,d]cyclo hepten-5-ol		18029-54-4
ACI 030804	<b>Cyclobenzaprine Hydrochloride Impurity:</b> 3-(5H-Dibenzo[a,d]cycloheptene-5-ylidene)-N,N'-dimethyl-1-propanamine-N-oxide		6682-26-4

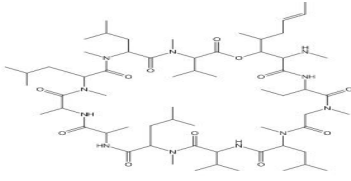
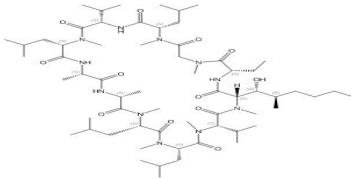
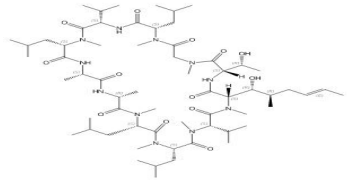
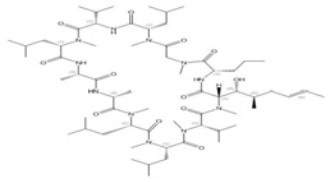
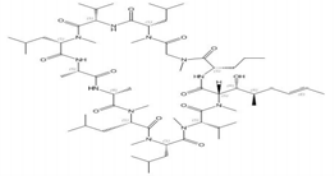
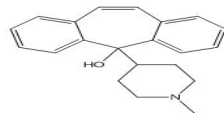
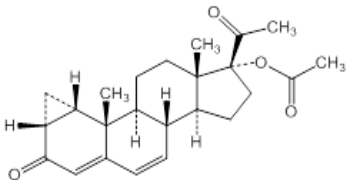
Code	Product Name	Structure	CAS No.
ACI 030805	<b>Cyclobenzaprine Hydrochloride Impurity:</b> Anthraquinone		84-65-1
ACI 030806	<b>Cyclobenzaprine impurity as hydrochloride:</b> 3-(5H-dibenzo[a,d]cyclohepten-5-ylidene)- N-methyl-1-propanamine hydrochloride	 x HCl	438-59-5
ACI 030807	<b>Cyclobenzaprine impurity:</b> 5H-Dibenzo [a,d]cycloheptene-5-ol		10354-00-4

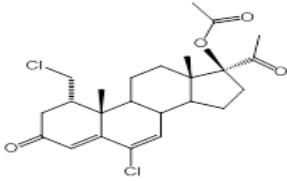
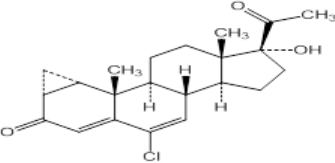
## Cyclophosphamide

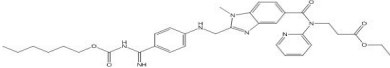
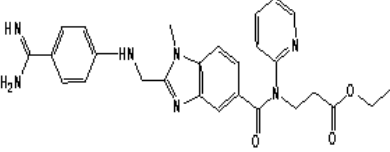
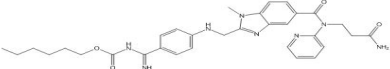
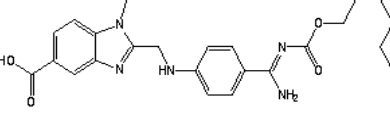
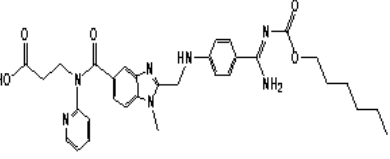
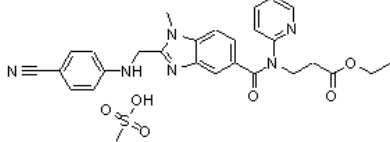
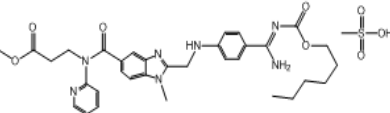
ACI 037711	<b>Cyclophosphamide Impurity:</b> (3-(2-chloroethyl)-2-oxo-2-hydroxy-1,3,6,2-oxadiazaphosphonane)		158401-52-6
ACI 037712	<b>Cyclophosphamide Impurity:</b> (3-[2-(2-chloroethylamino)ethylamino]propyl dihydrogen phosphate dihydrochloride)	 .2HCl	158401-51-5
ACI 037713	<b>Cyclophosphamide Impurity:</b> (3-aminopropyl dihydrogen phosphate)		1071-28-9
ACI 037715	<b>Cyclophosphamide Impurity:</b> 3-Amino-1-Propanol		156-87-6

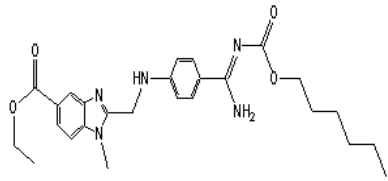
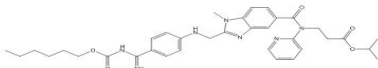
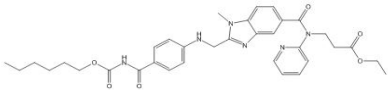
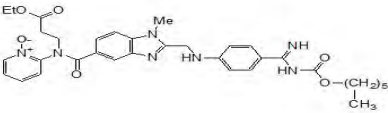
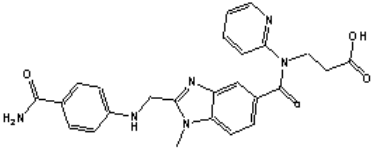
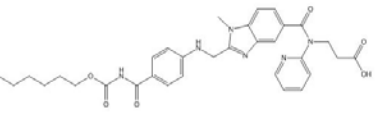
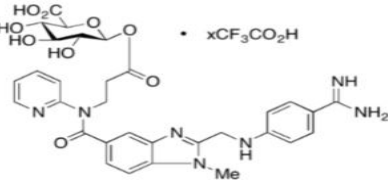
## Cyclosporin

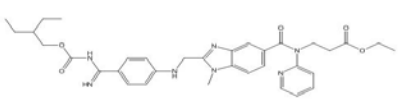
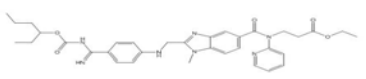
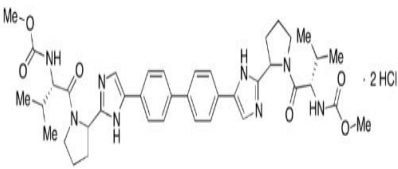
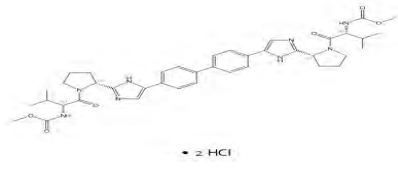
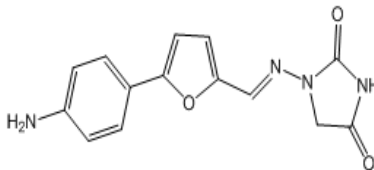
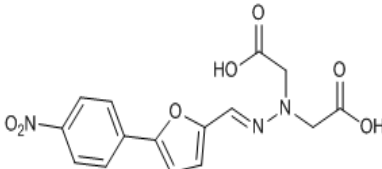
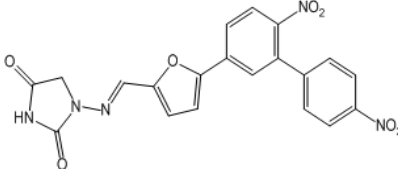


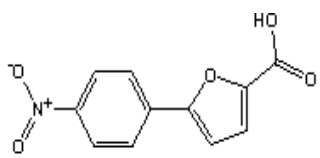
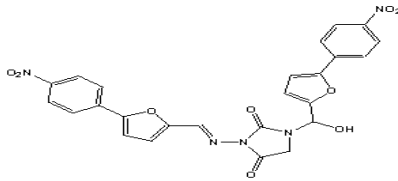
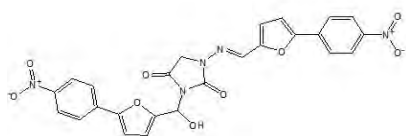
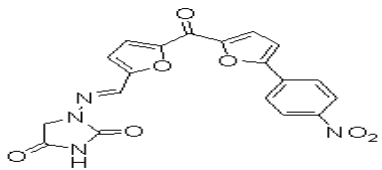
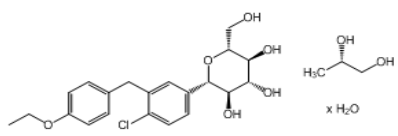
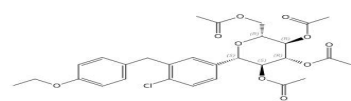
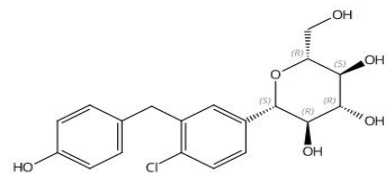
Code	Product Name	Structure	CAS No.
ACI 038711	<b>Cyclosporin A Impurity :</b> (2S,3R,4R,6E)-3-Hydroxy-4-methyl-2-(methylamino)-6-octenoyl-(2S)-2-aminobutanoyl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valine (111)-Lactone (Isocyclosporin A)		59865-16-6
ACI 038712	<b>Cyclosporin A Impurity:</b> 6-[(2S,3R,4R)-3-Hydroxy-4-methyl-2-(methylamino)octanoic acid]cyclosporin A (Dihydro Cyclosporin A)		59865-15-5
ACI 038713	<b>Cyclosporin A Impurity:</b> Thr2-cyclosporine (Cyclosporin C)		59787-61-0
ACI 038714	<b>Cyclosporin G:</b> 7-L-Norvalinecyclosporin A		74436-00-3
ACI-038714	<b>Cyclosporin G:</b> 7-L-Norvalinecyclosporin A		74436-00-3
<b>Cyproheptadine</b>			
ACI 039703	<b>Cyproheptadine Hydrochloride Impurity C:</b> 5-(1-methylpiperidin-4-yl)-5H-dibenzo[a,d][7]annulen-5-ol		3967-32-6
<b>Cyproterone</b>			
ACI 035801	<b>Cyproterone Acetate Imp. A (EP):</b> 3,20-dioxo-1β,2β-dihydro-3'H-cyclopropa[1,2]pregna-1,4,6-trien-17-yl acetate		2701-50-0

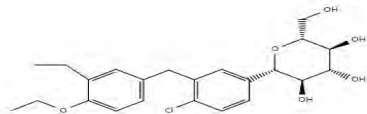
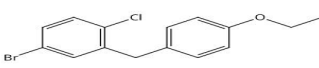
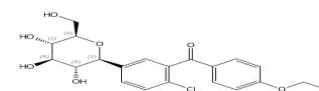
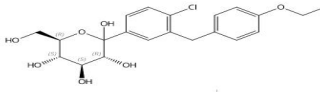
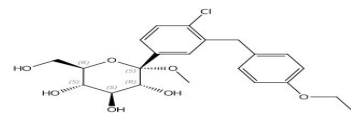
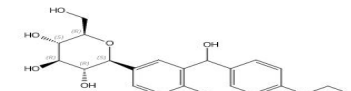
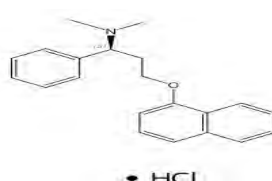
Code	Product Name	Structure	CAS No.
ACI 035803	<b>Cyproterone Acetate Imp. C (EP):</b> 6-chloro-1a-(chloromethyl)-3,20-dioxopregna-4,6-dien-17-yl acetate		17183-98-1
ACI 035806	<b>Cyproterone Acetate Imp. F (EP):</b> 6-chloro-17-hydroxy-1 $\beta$ ,2 $\beta$ -dihydro-3'H-cyclopropa[1,2]pregna-1,4,6-triene-3,20-dione		2098-66-0

Code	Product Name	Structure	CAS No.
<b>Dabigatran</b>			
ACI 043600	<b>Dabigatran Etexilate Mesylate:</b> N-[[2-[[[4-[[[(hexyloxy)carbonyl]amino] iminomethyl] phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-2-pyridinyl-β-Alanine- ethyl ester methanesulfonate		872728-81-9
ACI 043611	<b>Dabigatran Etexilate Impurity:</b> Ethyl 3-(2-(((4-carbamimidoylphenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate		1466608-48-9
ACI 043612	<b>Dabigatran Etexilate Impurity:</b> Hexyl((4-(((5-((3-amino-3-oxopropyl)(pyridin-2-yl)carbamoyl)-1-methyl-1H-benzo[d]imidazol-2-yl)methyl)amino)phenyl)(imino)methyl) carbamate (DBG-3A Hexylamide Mesylate)		1580491-16-2
ACI 043613	<b>Dabigatran Etexilate Impurity:</b> 2-(((4-(N-((hexyloxy)carbonyl)carbamidoyl)phenyl)amino)methyl)-1-methyl-1H-benzo[d]imidazole-5-carboxylic acid methane sulfonate(DBG-3A Desaminopyridine Mesylate)		1848337-06-3
ACI 043614	<b>Dabigatran Etexilate Impurity:</b> 3-(2-(((4-(N-((hexyloxy)carbonyl)carbamidoyl)phenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoic acid (DBG-3A Acid Mesylate)		212321-78-3
ACI 043615	<b>Dabigatran Etexilate Impurity as methanesulfonate salt:</b> Ethyl-3-(2-(((3-cyanophenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate methanesulfonate (CBA Mesylate)		1466608-47-8
ACI 043616	<b>Dabigatran Etexilate Impurity as methanesulfonate salt:</b> Methyl 3-(2-(((4-(N-((hexyloxy)carbonyl)carbamidoyl)phenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate methanesulfonate (DBG-3A Methoxy Mesylate)		847785-94-8

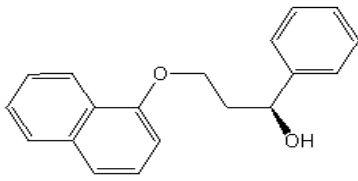
Code	Product Name	Structure	CAS No.
ACI 043617	<b>Dabigatran Etexilate Impurity:</b> Ethyl-2-(((4-(hexyloxy)carbonyl)carbamimidoyl)phenyl)amino)methyl)-1-methyl-1H-benzo[d]imidazole-5-carboxylate (DBG-3A Ester Mesylate)		1408238-36-7
ACI 043618	<b>Dabigatran Etexilate Impurity:</b> N-[[2-[[[4-[[[(hexyloxy)carbonyl]amino]iminomethyl]phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-2-pyridinyl-beta-Alanine isopropyl ester (DBG-3A Isopropyl Mesylate)		1610758-19-4
ACI 043619	<b>Dabigatran Etexilate Impurity:</b> Ethyl 3-(2-(((4-(hexyloxy)carbonyl)carbamoyl)phenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate (DBG-3A Amide Mesylate)		1408238-40-3
ACI 043621	<b>Dabigatran Etexilate Impurity:</b> N-[[2-[[[4-[[[(hexyloxy)carbonyl]amino]iminomethyl]phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-(1-oxido-2-pyridinyl)-, Beta-Alanine ethyl ester		NA
ACI 043622	<b>Dabigatran Etexilate Impurity:</b> 3-(2-(((4-carbamoyl)phenylamino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoic acid		n/a
ACI 043623	<b>Dabigatran Etexilate Impurity:</b> N-[[2-[[[4-[[[(Hexyloxy)carbonyl]amino]carbonyl]phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-2-pyridinyl-beta-alanine		1408238-37-8
ACI 043624	<b>Dabigatran Acyl-beta-D-Glucuronide Trifluoroacetic Acid Salt:</b> N-[[2-[[[4-(Aminoiminomethyl)phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-2-pyridinyl-beta-alanine beta-D-Glucopyranuronosyl Ester Trifluoroacetic Acid Salt		NA

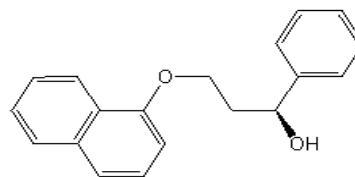
Code	Product Name	Structure	CAS No.
ACI 043625	<b>Dabigatran Impurity C (O-(2-Ethylbutyl) Dabigatran Ethyl Ester):</b> N-[[2-[[[4-[[[(2-Ethylbutoxy)carbonyl]amino]iminomethyl]phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-2-pyridinyl-β-Alanine Ethyl Ester		1610758-20-7
ACI 043626	<b>Dabigatran impurity E(O-(3-Hexyl) Dabigatran Ethyl Ester):</b> N-[[2-[[[4-[[[(1-Ethylbutoxy)carbonyl]amino]iminomethyl]phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-N-2-pyridinyl-β-Alanine Ethyl Ester		1610758-22-9
<b>Daclatasvir</b>			
ACI 047000	<b>Daclatasvir Dihydrochloride:</b> N,N'-[[[1,1'-Biphenyl]-4,4'-diyl]bis[1H-imidazole-5,2-diyl-(2S)-2,1-pyrrolidinediyl]][(1S)-1-(1-methylethyl)-2-oxo-2,1-ethanediy]]]biscarbamic Acid C,C'-Dimethyl Ester Hydrochloride (1:2)		1009119-65-6
ACI 047011	<b>Daclatasvir RRRR Isomer:</b> Dimethyl (2R,2'R)-1,1'-((2R,2'R)-2,2'-(5,5'-(biphenyl-4,4'-diyl)bis(1H-imidazole-5,2-diyl))bis(pyrrolidine-2,1-diyl))bis(3-methyl-1-oxobutane-2,1-diyl)dicarbamate		2698401-11-3
<b>Dantrolene</b>			
ACI 044011	<b>Dantrolene Impurity:</b> 1-[[[5-(4-aminophenyl)-2-furanyl]methylene amino-2,4-imidazolidinedione		14663-28-6
ACI 044012	<b>Dantrolene Impurity:</b> {1-carboxymethyl-2-[(5-4-nitrophenyl)furfurylidene]hydrazino}acetic acid		NA
ACI 044013	<b>Dantrolene Impurity:</b> 1-[[[5-(6,4'-Dinitrophenyl-3-yl)-2-furanyl]methylene]-amino]-2,4-imidazolidinedione		NA

Code	Product Name	Structure	CAS No.
ACI 044014	<b>Dantrolene Impurity:</b> 5-(4-nitrophenyl)2-furancarboxylic acid		28123-73-1
ACI 044015	<b>Dantrolene Impurity:</b> [N(E)]-3-[hydroxy-[5-(4-nitrophenyl)-2-furanyl]-methyl]-1-[[5-(4-nitrophenyl)-2-furanylmethylene]-amino]-2,4-imidazolidinedione		n/a
ACI 044016	<b>Dantrolene Impurity:</b> [N(Z)]-3-[hydroxy-[5-(4-nitrophenyl)-2-furanyl]-methyl]-1-[[5-(4-nitrophenyl)-2-furanylmethylene]-amino]-2,4-imidazolidinedione		NA
ACI 044017	<b>Dantrolene Impurity:</b> 1{[5-[5-(4-nitrophenyl)-furan-2-carbonyl]-furan-2-ylmethylene]-amino}-imidazolidine-2,4-dione		NA
<b>Dapagliflozin</b>			
ACI 045800	<b>Dapagliflozin:</b> (1S)-1,5-anhydro-1-C-[4-chloro-3-[[4-[[[(3S)-tetrahydro-3-furanyl]oxy] phenyl] methyl]- phenyl]-D-Glucitol- (2S)-1,2-propanediol monohydrate. [(2S,3R,4R,5S,6R)-2-[4-chloro-3-(4-ethoxybenzyl)phenyl]-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol, (2S)-propane-1,2-diol, monohydrate; Dapagliflozin Propanediol Hydrate]		960404-48-2
ACI 045812	<b>Dapagliflozin Tetraacetate:</b> (2R,3R,5R,6R)-6-(Acetoxymethyl)-2-(4-chloro-3-(4-ethoxybenzyl)phenyl)tetrahydro-2H-pyran-2,3,4,5-tetraol tetraacetate		461432-25-7
ACI 045813	<b>Dapagliflozin impurity:</b> (2S,3R,4R,5S,6R)-2-(4-chloro-3-(4-hydroxybenzyl)phenyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol		864070-37-1

Code	Product Name	Structure	CAS No.
ACI 045814	<b>Dapagliflozin impurity:</b> (2S,3R,4R,5S,6R)-2-[4-Chloro-3-(4-ethoxy-3-ethylbenzyl)phenyl]-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol		NA
ACI 045818	<b>Dapagliflozin impurity:</b> 4-Bromo-1-chloro-2-(4-ethoxybenzyl)benzene		461432-23-5
ACI 045822	<b>Dapagliflozin Keto Impurity:</b> (2-chloro-5-((2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)phenyl)(4-ethoxyphenyl)methanone		2169998-23-4
ACI 045819	<b>Dapagliflozin hydroxy impurity:</b> 1-C-[4-Chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-D-glucopyranose		461432-27-9
ACI 045820	<b>Dapagliflozin Methoxy impurity:</b> Methyl 1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-a-D-glucopyranoside		714269-57-5
ACI-045823	<b>Dapagliflozin Hydroxy Impurity:</b> (1S)-1,5-anhydro-1-C-[4-Chloro-3-[(4-ethoxyphenyl) hydroxymethyl]phenyl]-D-glucitol		1204222-85-4
<b>Dapoxetine</b>			
ACI 043900	<b>Dapoxetine Hydrochloride :</b> (1S)-N,N-Dimethyl-3-naphthalen-1-yloxy-1-phenylpropan-1-amine hydrochloride		129938-20-1

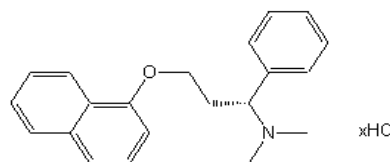
Code	Product Name	Structure	CAS No.
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ACI 043911	<b>Dapoxetine impurity:</b> (S)-3-(Naphthalene-1-yloxy)-1-phenyl-propan-1-ol		156453-50-8
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156453-50-8

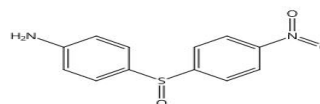
ACI 043913	<b>Dapoxetine impurity as hydrochloride:</b> Dapoxetine R-Isomer hydrochloride		156453-51-9
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156453-51-9

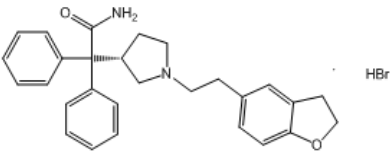
## Dapsone

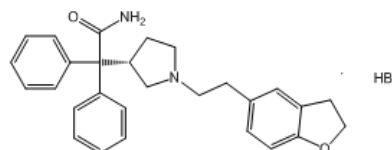
ACI 047122	<b>Dapsone Impurity:</b> 4-((4-Nitrophenyl)sulfinyl)aniline		5461-23-4
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5461-23-4

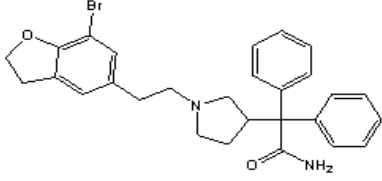
## Darifenacin

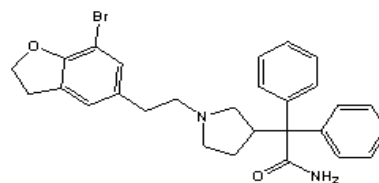
ACI 044400	<b>Darifenacin Hydrobromide:</b> (3S)-1-[2-(2,3-Dihydro-5-benzofuranyl)ethyl]-a,a-diphenyl-3-pyrrolidineacetamide hydrobromide		133099-07-7
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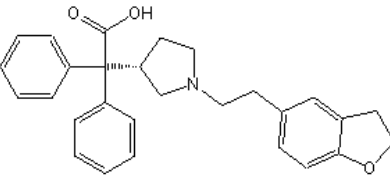
HBr

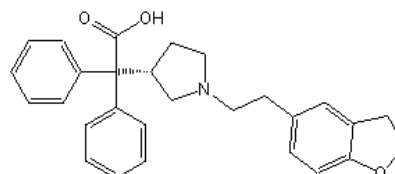
133099-07-7

ACI 044411	<b>Darifenacin Impurity:</b> 2-[1-[2-(7-bromo-2,3-dihydrobenzofuran-5-yl)-ethyl]-pyrrolidin-3-yl]-2,2-diphenylacetamide		1391080-43-5
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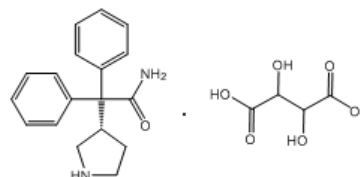
1391080-43-5

ACI 044412	<b>Darifenacin Impurity:</b> (S)-2-[1-[2-(2,3-dihydrobenzofuran-5-yl) ethyl]-3-pyrrolidinyl]- 2,2-diphenylacetic acid		1048979-16-3
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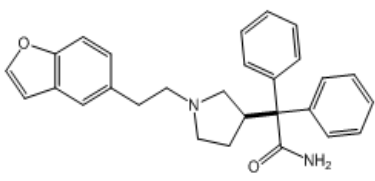
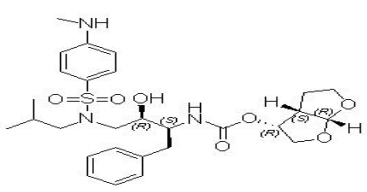
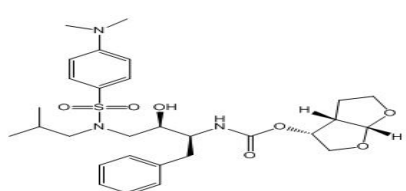
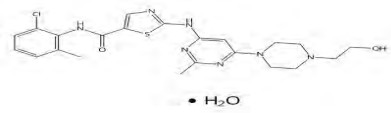
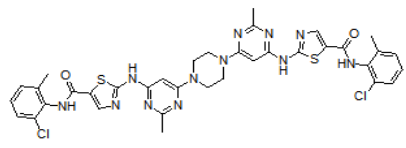
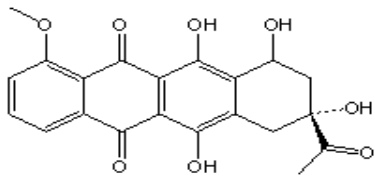
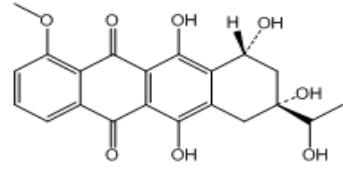
1048979-16-3

ACI 044413	<b>Darifenacin Impurity:</b> (3S)-a,a-Diphenyl-3-pyrrolidineacetamide (2R,3R)-2,3-Dihydroxybutanedioate		134002-26-9
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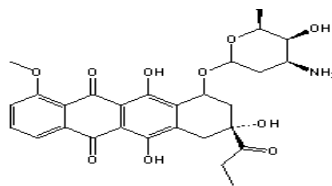
134002-26-9



Code	Product Name	Structure	CAS No.
ACI 044414	<b>Darifenacin Hydrobromide Impurity:</b> (3S)-1-[2-(5-Benzofuranyl)ethyl]-a,a-diphenyl-3-pyrrolidineacetamide		133033-99-5
<b>Darunavir</b>			
ACI 046811	<b>Darunavir impurity:</b> [(2S,3R)-3-hydroxy-4-[N-isobutyl-4-(methylamino)phenyl]sulfonamide-1-phenylbutan-2-yl]carbamate		NA
ACI 046812	<b>Darunavir impurity :</b> [(2S,3R)-3-hydroxy-4-[N-isobutyl-4-(diaminomethyl)phenyl]sulfonamide-1-phenylbutan-2-yl]carbamate		NA
<b>Dasatinib</b>			
ACI 046900	<b>Dasatinib Monohydrate:</b> N-(2-chloro-6-methylphenyl)-2-[[6-[4-(2-hydroxyethyl)-1-piperazinyl]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide, monohydrate		863127-77-9
046911	<b>Dasatinib dimer impurity:</b> 2,2'-[1,4-piperazinediylbis[(2-methyl-6,4-pyrimidinediyl)imino]]bis[N-(2-chloro-6-methylphenyl)-5-Thiazolecarboxamide		910297-61-9
<b>Daunorubicin</b>			
ACI 042401	<b>Daunorubicin Imp. A (EP):</b> (8S,10S)-8-acetyl-6,8,10,11-tetrahydroxy-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione		21794-55-8
ACI 042405	<b>Daunorubicin Imp. E (EP):</b> (8S,10S)-6,8,10,11-tetrahydroxy-8-[(1RS)-1-hydroxyethyl]-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione		28008-51-7

Code	Product Name	Structure	CAS No.
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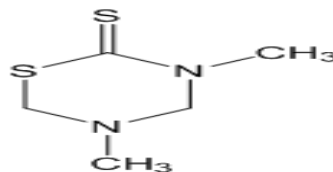
ACI 042406 **Daunorubicin Imp. F (EP):** (8S,10S)-10-[(3-amino-2,3,6-trideoxy- $\alpha$ -l-lyxo-hexopyranosyl)oxy]-6,8,11-trihydroxy-1-methoxy-8-propanoyl-7,8,9,10-tetrahydrotetracene-5,12-dione



771423-67-7

### Dazomet

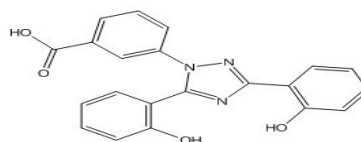
ACI 045700 **Dazomet:** 3,5-Dimethyltetrahydro-1,3,5-2H-thiadiazine-2-thione



533-74-4

### Deferasirox

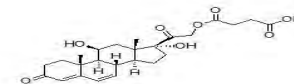
ACI 045204 **Deferasirox Imp.D(EP):** 3-[3,5-bis(2-hydroxyphenyl)-1H-1,2,4-triazol-1-yl]benzoic acid (Deferasirox 1,3-isomer)



2254105-61-6

### Delta

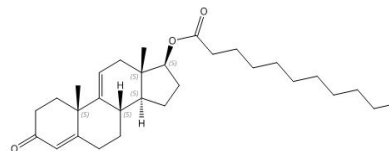
ACI 082011 **Delta 6 Hydrocortisone Hemisuccinate:** 4-(2-((8S,9S,10R,11S,13S,14S,17R)-11,17-dihydroxy-10,13-dimethyl-3-oxo-2,3,8,9,10,11,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-17-yl)-2-oxoethoxy)-4-oxobutanoic acid



NA

### Delta-9,11-Testosterone

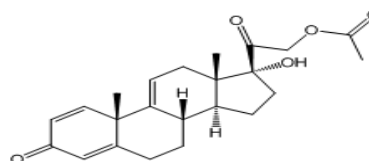
ACI 206111 **Delta-9,11-Testosterone Undecanoate:** (17 $\beta$ )-17-[(1-oxoundecyl)oxy]-Androsta-4,9(11)-dien-3-one



2241819-49-6

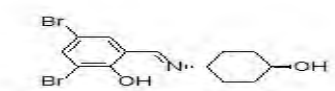
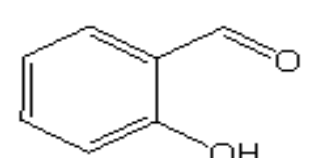
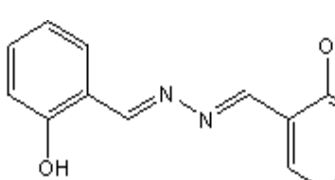
### Deltacortinene

ACI 045400 **Deltacortinene Acetate:** 17,21-Dihydroxypregna-1,4,9(11)-triene-3,20-dione 21-Acetate; 21-Acetoxy-17 $\alpha$ -hydroxypregna-1,4,9(11)-triene-3,20-dione

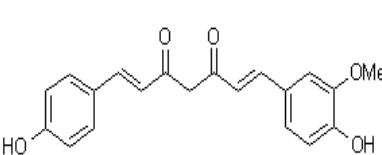


4380-55-6

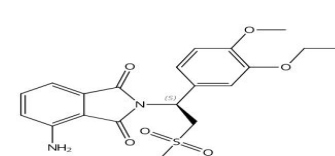
### Dembrexine

Code	Product Name	Structure	CAS No.
ACI 042101	<b>Dembrexine hydrochloride monohydrate Imp.A (EP):</b> trans-4-[(3,5-dibromo-2-hydroxybenzylidene) amino]cyclohexanol		NA
ACI 042104	<b>Dembrexine hydrochloride monohydrate Imp.D (EP):</b> 2-hydroxybenzaldehyde		90-02-8
ACI 042111	<b>Dembrexine hydrochloride monohydrate Impurity:</b> 2,2'-[(1E,2E)-1,2-Hydrazinediylidenedi(E) methylidene] diphenol		959-36-4

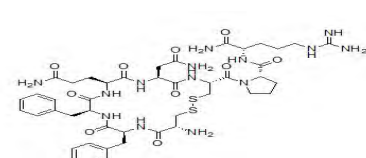
### Demethoxycurcumin

ACI 030701	<b>Demethoxycurcumin:</b> (E,E)-1-(4-Hydroxy-3-methoxyphenyl)-7-(4-hydroxyphenyl)-1,6-heptadiene-3,5-dione (enol form)		22608-11-3
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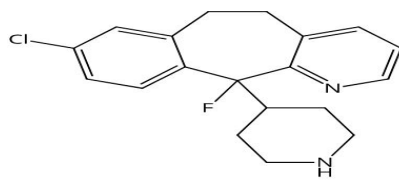
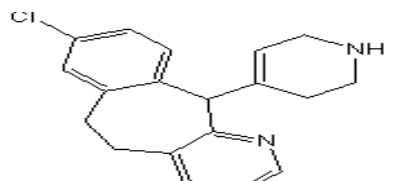
### Des-acetyl

ACI 015912	<b>Des-acetyl Apremilast:</b> 4-Amino-2-[(1S)-1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl]-1H-isoindole-1,3(2H)-dione		635705-72-5
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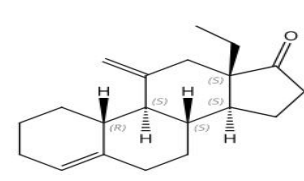
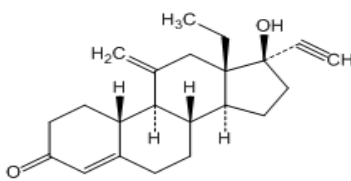
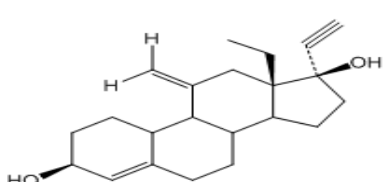
### Des-Gly9

ACI 221813	<b>Des-Gly9 Vasopressin:</b> H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-NH <sub>2</sub> Disulfide bridge		NA
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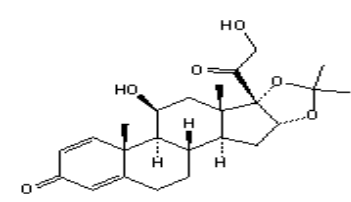
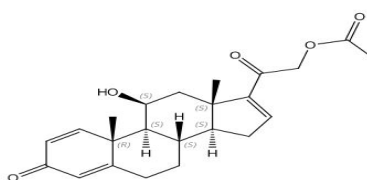
### Desloratidine

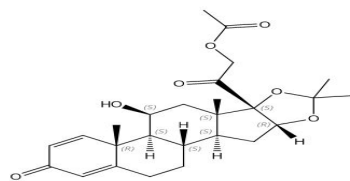
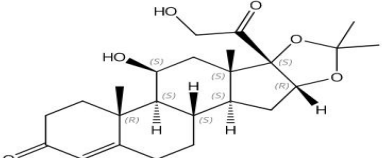
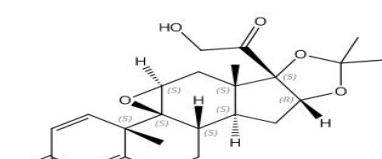
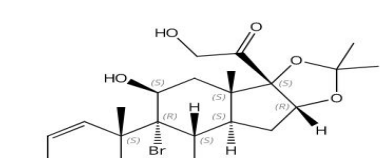
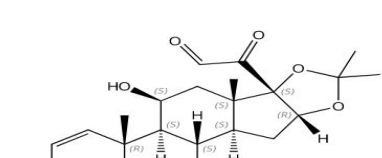
Code	Product Name	Structure	CAS No.
ACI 042001	<b>Desloratidine Imp. A (pharmeuropa):</b> (11RS)-8-chloro-11-fluoro-11-(piperidin-4-yl)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine		298220-99-2
ACI 042002	<b>Desloratidine Imp. B (pharmeuropa):</b> (11RS)-8-chloro-11-(1,2,3,6-tetrahydropyridin-4-yl)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine		183198-49-4

## Desogestrel

ACI 042703	<b>Desogestrel imp C (EP):</b> 13-Ethyl-11-methylidene-4-en-17-one		54024-21-4
ACI 042704	<b>Desogestrel imp D (EP):</b> 13-ethyl-17-hydroxy-11-methylidene-18,19-dinor-17a-pregn-4-en-20-yn-3-one		54048-10-1
ACI 042705	<b>Desogestrel imp E (EP):</b> 13-ethyl-11-methylidene-18,19-dinor-17a-pregn-4-en-20-yne-3β,17-diol		70805-85-5

## Desonide

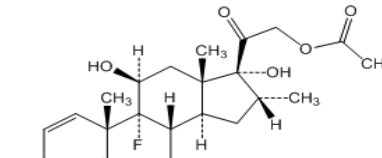
ACI 045000	<b>Desonide:</b> 16a,17-[1-Methylethylidenebis(oxy)]-11β,21-dihydroxypregna-1,4-diene-3,20-dione		638-94-8
ACI 045011	<b>Desonide Impurity:</b> 21-Acetoxy-11β-hydroxypregna-1,4,16-triene-3,20-dione		3044-42-6

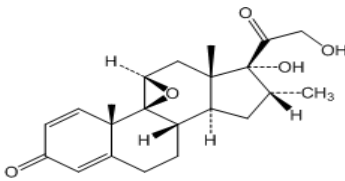
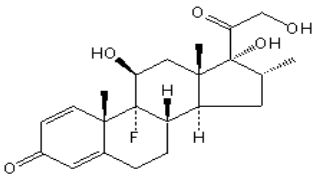
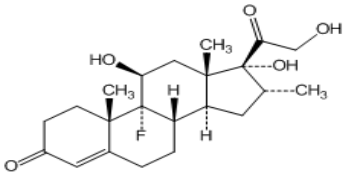
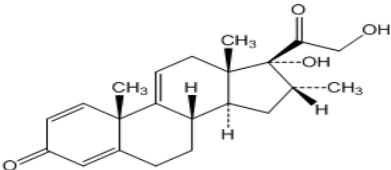
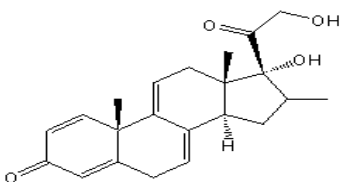
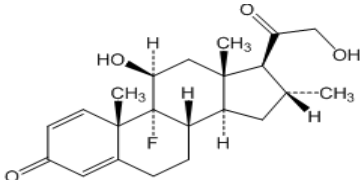
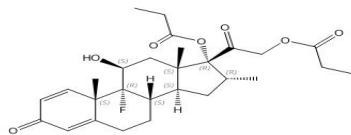
Code	Product Name	Structure	CAS No.
ACI 045012	<b>Desonide Impurity:</b> (11 $\beta$ ,16 $\alpha$ )-21-(acetyloxy)-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-Pregna-1,4-diene-3,20-dione		25092-25-5
ACI 045013	<b>Desonide Impurity:</b> (11 $\beta$ ,16 $\alpha$ )-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-Pregna-4-ene-3,20-dione		638-93-7
ACI 045014	<b>Desonide Impurity:</b> (9 $\beta$ ,11 $\beta$ ,16 $\alpha$ )-9,11-epoxy-21-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-Pregna-1,4-diene-3,20-dione		39672-75-8
ACI 045015	<b>Desonide Impurity:</b> (11 $\beta$ ,16 $\alpha$ )-9-bromo-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-Pregna-1,4-diene-3,20-dione		39672-77-0
ACI 045016	<b>Desonide Impurity:</b> (11 $\beta$ ,16 $\alpha$ )-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-3,20-dioxo-Pregna-1,4-dien-21-al		57171-18-3

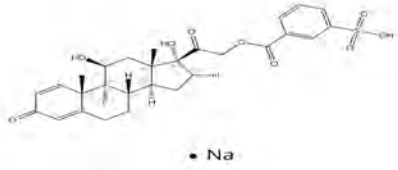
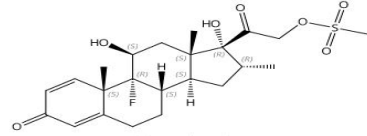
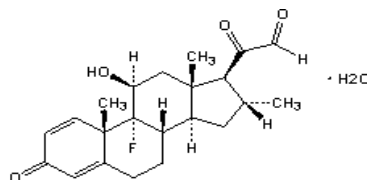
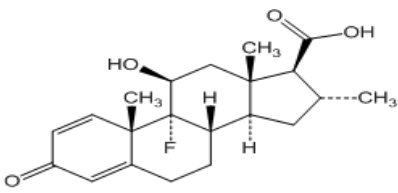
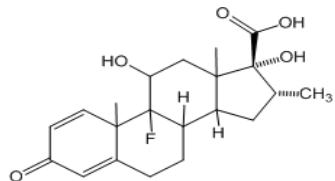
## Desvenlafaxine

ACI 045300	<b>Desvenlafaxine succinate Monohydrate:</b> 4-[2-(dimethylamino)-1-(1-hydroxycyclohexyl)ethyl]-Phenol succinate Monohydrate (Desvenlafaxine)		93413-62-8
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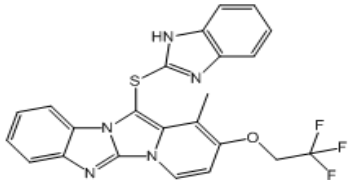
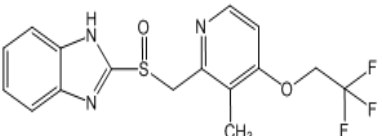
## Dexamethasone

ACI 044700	<b>Dexamethasone Imp.G(EP):</b> 9-Fluoro-11 $\beta$ ,17-dihydroxy-16 $\alpha$ -methyl-3,20-dioxopregna-1,4-dien-21-yl acetate (Dexamethasone acetate)		1177-87-3
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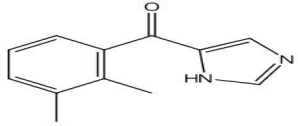
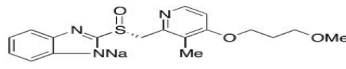
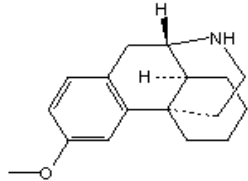
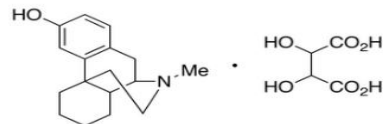
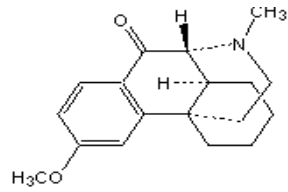
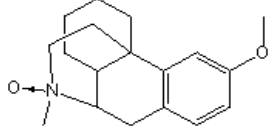
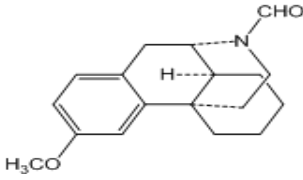
Code	Product Name	Structure	CAS No.
ACI 044704	<b>Dexamethasone Imp.D (EP):</b> 9 $\beta$ ,11 $\beta$ -Epoxy-17,21-dihydroxy-16a-methylpregna-1,4-diene-3,20-dione		24916-90-3
ACI 044200	<b>Dexamethasone:</b> 9-Fluoro-11 $\beta$ ,17,21-trihydroxy-16a-methylpregna-1,4-diene-3,20-dione		50-02-2
ACI 044203	<b>Dexamethasone Imp.C (EP):</b> 9-fluoro-11 $\beta$ ,17,21-trihydroxy-16a-methylpregna-4-ene-3,20-dione		426-17-5
ACI 044205	<b>Dexamethasone Imp.E (EP):</b> 17,21-dihydroxy-16a-methylpregna-1,4,9(11)-triene-3,20-dione		13209-41-1
ACI 044211	<b>Dexamethasone Imp K (EP):</b> 17,21-dihydroxy-16a-methylpregna-1,4,7,9(11)-tetraene-3,20-dione		1809224-82-5
ACI 044221	<b>Dexamethasone Impurity:</b> 17-Desoxy of Dexamethasone		382-67-2
ACI 044224	<b>Dexamethasone Dipropionate:</b> (11 $\beta$ ,16a)-9-Fluoro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione		55541-30-5

Code	Product Name	Structure	CAS No.
ACI 044225	<b>Dexamethasone Metasulfobenzoate sodium:</b> 9-fluoro-11 $\beta$ ,17,21-trihydroxy-16 $\alpha$ -methyl-Pregna-1,4-diene-3,20-dione-21-m-sulfobenzoate Sodium Salt		3936-02-5
ACI 044226	<b>Dexamethasone 21-Mesylate:</b> 9-Fluoro-11 $\beta$ ,17,21-trihydroxy-16 $\alpha$ -methylpregna-1,4-diene-3,20-dione 21-Methanesulfonate		2265-22-7
ACI 042921	<b>Dexamethasone phosphate Impurity as monohydrate:</b> Dexamethasone glyoxal analog (keto form) monohydrate		NA
ACI 042922	<b>Dexamethasone phosphate Impurity:</b> (11 $\beta$ ,16 $\alpha$ ,17 $\beta$ )-9-Fluoro-11-hydroxy-16-methyl-3-oxoandrosta-1,4-diene-17-carboxylic Acid		75262-69-0
ACI 042907	<b>Dexamethasone phosphate Imp G (EP):</b> 9-Fluoro-11 $\beta$ ,17-dihydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-diene-17 $\beta$ -carboxylic acid		37927-01-8

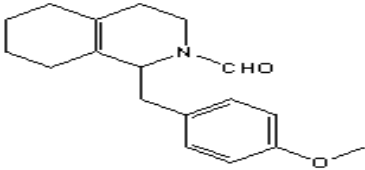
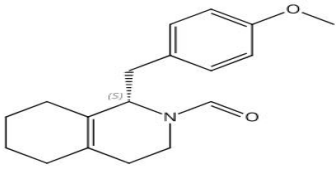
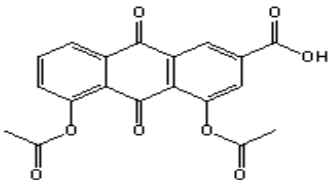
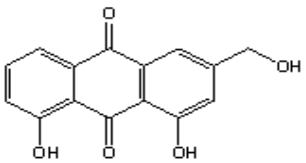
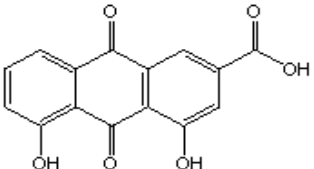
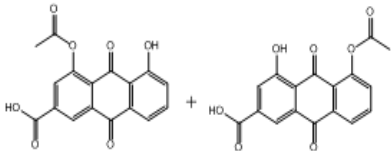
## Dexlansoprazole

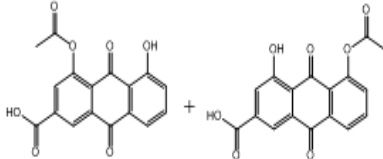
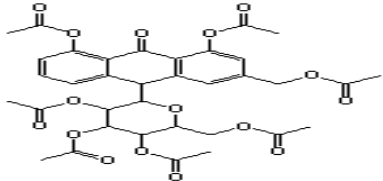
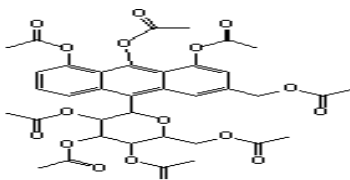
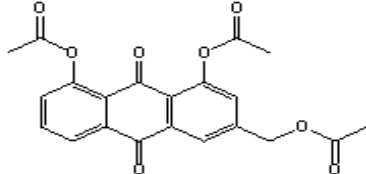
ACI 042911	<b>Dexlansoprazole Impurity:</b> 10-(1H-benzimidazol-2-ylsulfanyl)-1-methyl-2-(2,2,2-trifluoroethoxy)-4a,5,9b-triaza-indeno[2,1-a]indene		1346598-28-4
ACI 042900	<b>Dexlansoprazole:</b> 2-[(R)-[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfinyl]-1H-benzimidazole ((R)-Lansoprazole)		138530-94-6

## Dexmedetomidine

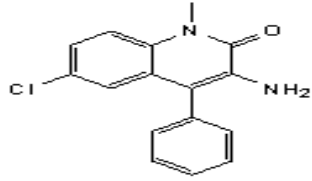
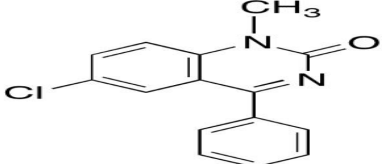
Code	Product Name	Structure	CAS No.
ACI 046211	<b>Dexmedetomidine USP Related Compound A:</b> (2,3-Dimethylphenyl)(1H-imidazol-5-yl)methanone		91874-85-0
<b>DexRabeprazole</b>			
ACI 180720	<b>DexRabeprazole Sodium:</b> 2-[(R)-[[4-(3-Methoxypropoxy)-3-methyl-2-pyridinyl]methyl]sulfinyl]-1H-benzimidazoleSodium Salt		171440-18-9
<b>Dextromethorphan</b>			
ACI 042301	<b>Dextromethorphan Imp. A (EP) as hydrochloride:</b> ent-3-methoxymorphinan hydrochloride		x HCl 1087-69-0
ACI 042302	<b>Dextromethorphan Imp. B (EP) as tartarate salt:</b> ent-17-methylmorphinan-3-ol tsrtarate		143-98-6
ACI 042303	<b>Dextromethorphan Imp. C (EP):</b> ent-3-methoxy-17-methylmorphinan-10-one		57969-05-8
ACI 042311	<b>Dextromethorphan Impurity as hydrochloride:</b> 3-Methoxy-N-Methylmorphinan N-Oxide Hydrochloride		xHCl 1177419-85-0
ACI 042312	<b>Dextromethorphan Impurity:</b> N-Formyl Morphine		28973-48-0



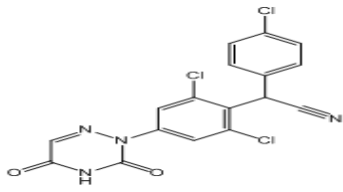
Code	Product Name	Structure	CAS No.
ACI 042313	<b>Dextromethorphan Impurity:</b> N-Formyl Octabase		29144-31-8
ACI 042315	<b>Dextromethorphan Impurity:</b> ((1S)-[4-Methoxyphenyl)methyl]-1,2,3,4,5,6,7,8-Octahydroisoquinoline-2-carbaldehyde)		29144-31-8
<b>D-Gln4-Vasopressin</b>			
ACI 221815	<b>D-Gln4-Vasopressin:</b> Cys-Tyr-Phe-D-Gln-Asn-Cys-Pro-Arg-Gly-NH <sub>2</sub> (Disulfide Bridge Cys1&Cys6)	<p style="text-align: center;">Cys-Tyr-Phe-D-Gln-Asn-Cys-Pro-Arg-Gly-NH<sub>2</sub> (Disulfide Bridge Cys1&amp;Cys6)</p>	NA
<b>Diacerein</b>			
ACI 041700	<b>Diacerein:</b> 4,5-Bis(acetyloxy)-9,10-dihydro-9,10-dioxo-2-anthracenecarboxylic acid		13739-02-1
ACI 041702	<b>Diacerein Imp. B (Pharmeuropa):</b> 1,8-Dihydroxy-3-(hydroxymethyl)-9,10-anthracenedione		481-72-1
ACI 041703	<b>Diacerein Imp. C (Pharmeuropa):</b> 9,10-Dihydro-4,5-dihydroxy-9,10-dioxo-2-anthracenecarboxylic acid		478-73-3
ACI 041704	<b>Diacerein Imp. D (Pharmeuropa):</b> 5-(Acetyloxy)-9,10-dihydro-4-hydroxy-9,10-dioxo-2-anthracenecarboxylic acid		NA

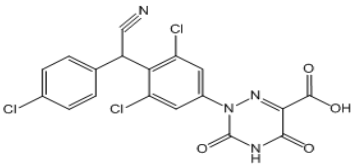
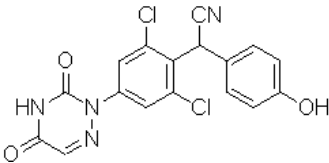
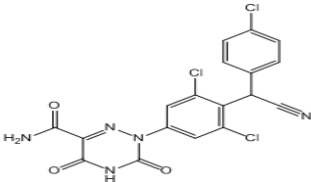
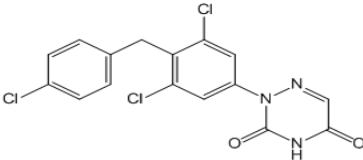
Code	Product Name	Structure	CAS No.
ACI 041705	<b>Diacerein Imp. E (Pharmeuropa):</b> 4-(Acetyloxy)-9,10-dihydro-5-hydroxy-9,10-dioxo-2-anthracenecarboxylic acid		NA
ACI 041706	<b>Diacerein Imp. F (Pharmeuropa):</b> 10-β-D-Glucopyranosyl-1,8-dihydroxy-3-(hydroxymethyl)anthrone heptaacetate		13928-72-8
ACI 041707	<b>Diacerein Imp. G (Pharmeuropa):</b> 10-β-D-Glucopyranosyl-1,8,9-trihydroxy-3-(hydroxymethyl)anthracene octaacetate		64951-96-8
ACI 041708	<b>Diacerein Imp. H (Pharmeuropa):</b> 1,8-Bis(acetyloxy)-3-[(acetyloxy)methyl]-9,10-anthracenedione		25395-11-3

## Diazepam

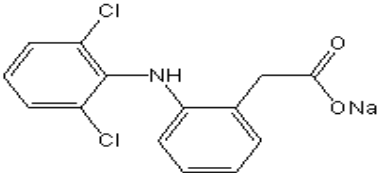
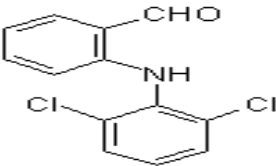
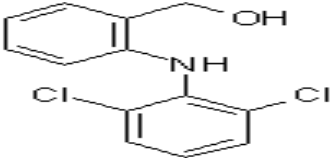
ACI 044503	<b>Diazepam Imp. C (EP):</b> 3-Amino-6-chloro-1-methyl-4-phenylquinolin-2(1H)-one		5220-02-0
ACI 044505	<b>Diazepam Imp E(EP):</b> 6-chloro-1-methyl-4-phenylquinazolin-2(1H)-one		20927-53-1

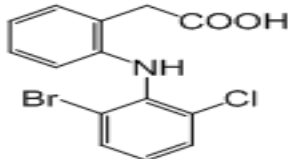
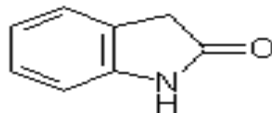
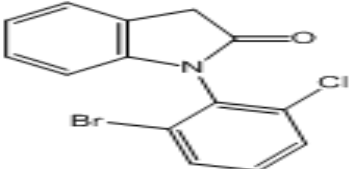
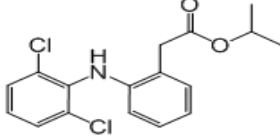
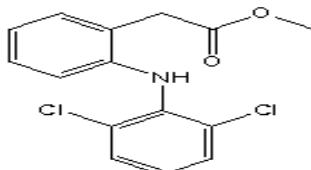
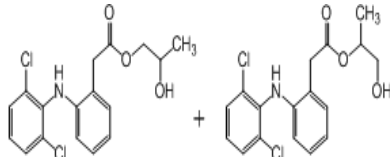
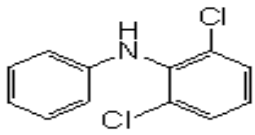
## Diclazuril

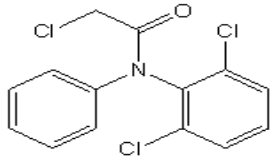
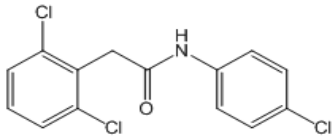
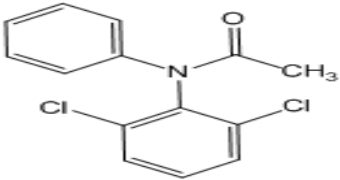
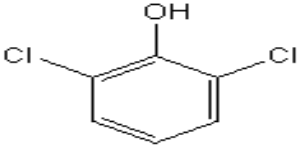
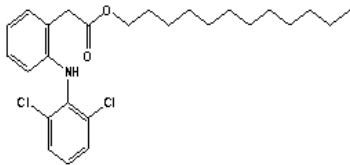
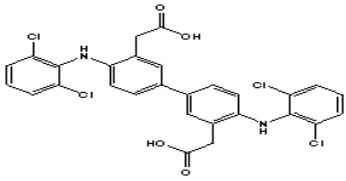
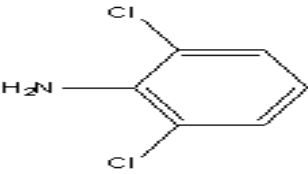
ACI 045600	<b>Diclazuril for veterinary use:</b> 2,6-Dichloro-a-(4-chlorophenyl)-4-[4,5-dihydro-3,5-dioxo-1,2,4-triazin-2(3H)-yl]benzeneacetonitrile		101831-37-2
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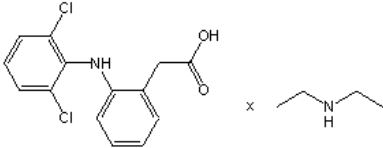
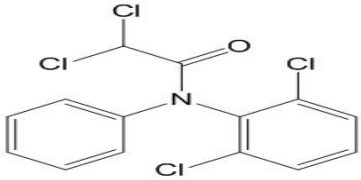
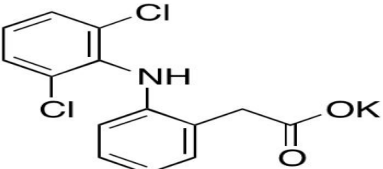
Code	Product Name	Structure	CAS No.
ACI 045601	<b>Diclazuril Imp. A (EP):</b> 2-[3,5-dichloro-4-[(RS)-(4-chlorophenyl)cyanomethyl]phenyl]-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxylic acid.		862243-46-7
ACI 045602	<b>Diclazuril Imp. B (EP):</b> (RS)-[2,6-dichloro-4-(3,5-dioxo-4,5-dihydro-1,2,4-triazin-2(3H)-yl)phenyl](4-hydroxyphenyl)acetonitrile		112206-71-0
ACI 045603	<b>Diclazuril Imp. C (EP):</b> 2-[3,5-dichloro-4-[(RS)-(4-chlorophenyl)cyanomethyl]phenyl]-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide		1797132-12-7
ACI 045606	<b>Diclazuril Imp. F (EP):</b> 2-[3,5-dichloro-4-(4-chlorobenzyl)phenyl]-1,2,4-triazine-3,5(2H,4H)-dione		133648-80-3

## Diclofenac

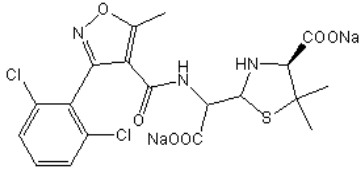
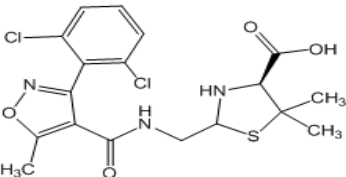
ACI 040100	<b>Diclofenac Sodium:</b> Sodium 2-[(2,6-dichlorophenyl)amino]phenyl]acetate		15307-79-6
ACI 040102	<b>Diclofenac Sodium Imp. B (EP):</b> 2-[(2,6-dichlorophenyl)amino] benzaldehyde		22121-58-0
ACI 040103	<b>Diclofenac Sodium Imp. C (EP):</b> [2-[(2,6-Dichlorophenyl)amino]phenyl]methanol		27204-57-5

Code	Product Name	Structure	CAS No.
ACI 040104	<b>Diclofenac Sodium Imp. D (EP):</b> 2-[2-[(2-bromo-6-chlorophenyl)amino]phenyl]acetic acid		127792-23-8
ACI 040105	<b>Diclofenac Sodium Imp. E (EP):</b> 1,3-Dihydro-2H-indol-2-one		59-48-3
ACI 040106	<b>Diclofenac Sodium Impurity:</b> 1-(2-Bromo-6-chlorophenyl)indolin-2-one		NA
ACI 040107	<b>Diclofenac Sodium Impurity:</b> Isopropyl 2-[2-(2,6-dichloroanilino)phenyl]acetate		66370-79-4
ACI 040108	<b>Diclofenac Sodium Impurity:</b> Methyl ester of Diclofenac		[15307-78-5]
ACI 040109	<b>Diclofenac Sodium Impurity:</b> PG esters 1) Diclofenac -2-hydroxy propyl ester and 2)diclofenac-2-hydroxy-1-methyl ethyl ester		NA
ACI 040111	<b>Diclofenac Sodium Impurity:</b> 2,6-Dichlorodiphenylamine		15307-93-4

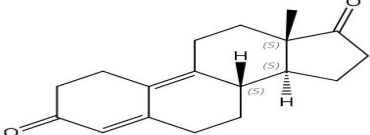
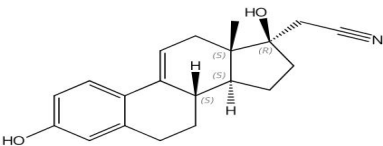
Code	Product Name	Structure	CAS No.
ACI 040112	<b>Diclofenac Sodium Impurity:</b> 2-Chloro-N-(2,6-dichlorophenyl)-N phenylacetamide		15308-01-7
ACI 040113	<b>Diclofenac Sodium Imp.F(EP):</b> N-(4-chlorophenyl)-2-(2,6-dichlorophenyl)acetamide		560075-65-2
ACI 040114	<b>Diclofenac Sodium Impurity:</b> N-Acetyl-2,6-dichlorodiphenylamine		84803-53-2
ACI 040115	<b>Diclofenac Sodium Impurity:</b> 2,6-Dichlorophenol		87-65-0
ACI 040116	<b>Diclofenac Sodium Impurity:</b> Dodecyl 2-(2-(2,6-dichlorophenylamino)phenyl)acetate		n/a
ACI 040117	<b>Diclofenac Sodium Impurity:</b> 2,2-(4,4-bis((2,6-dichlorophenyl)amino)-[1,1-biphenyl]-3,3-diyl)diacetic acid (Diclofenac Dimer impurity)		1609187-32-7
ACI 040118	<b>Diclofenac Sodium Impurity:</b> 2,6-Dichloroaniline		608-31-1

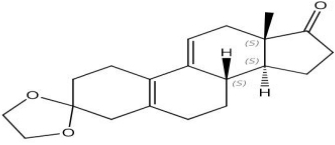
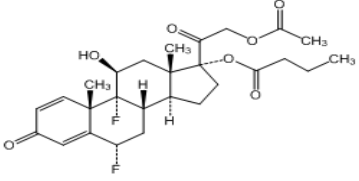
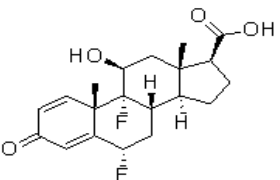
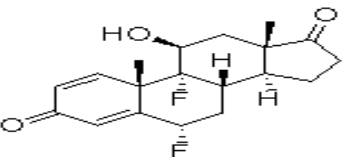
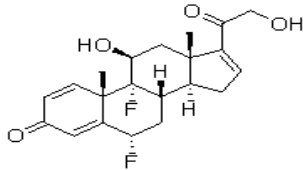
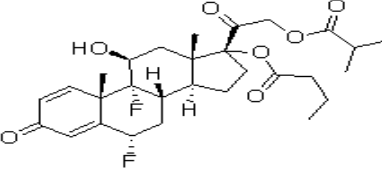
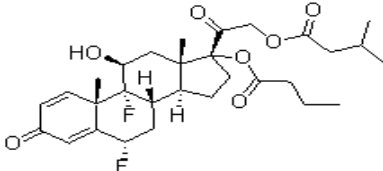
Code	Product Name	Structure	CAS No.
ACI 040119	<b>Diclofenac Sodium Impurity:</b> Diclofenac Diethylamine salt		78213-16-8
ACI 040120	<b>Diclofenac Sodium Impurity:</b> N-dichloroacetyl-2,6-dichlorodiphenylamine		NA
ACI 046700	<b>Diclofenac Potassium :</b> Potassium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate		15307-81-0

## Dicloxacillin

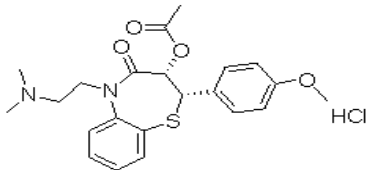
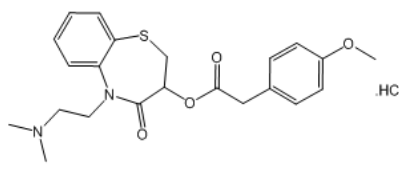
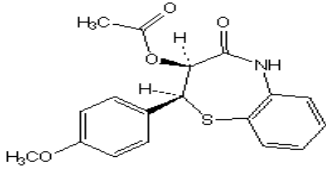
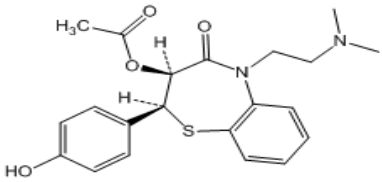
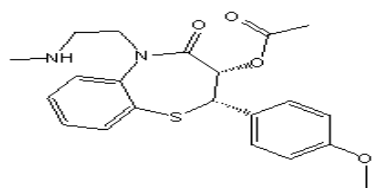
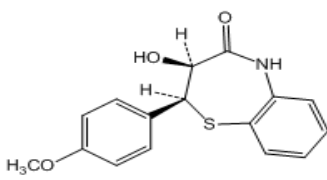
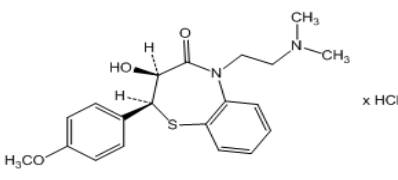
ACI 044301	<b>Dicloxacillin Imp. A (EP):</b> (4S)-2-[carboxy[[[3-(2,6-dichlorophenyl)-5-methylisoxazol-4-yl]carbonyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penicilloic acids of dicloxacillin),		n/a
ACI 044302	<b>Dicloxacillin Imp. B (EP):</b> (2RS,4S)-2-[[[[3-(2,6-Dichlorophenyl)-5-methylisoxazol-4-yl]carbonyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penicilloic acids of dicloxacillin)		89353-77-5

## Dienogest

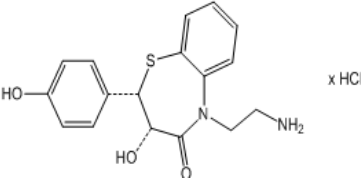
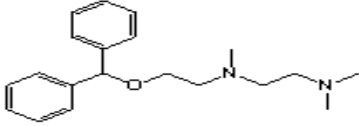
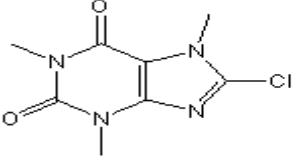
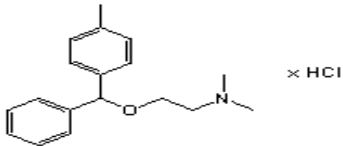
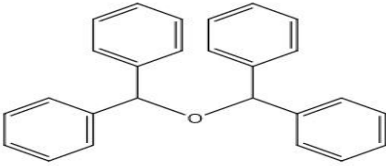
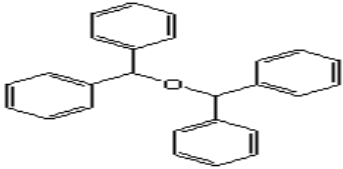
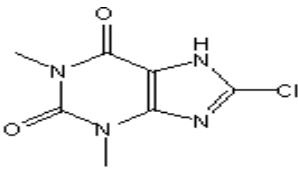
ACI 041302	<b>Dienogest Imp.B(EP):</b> Estra-4,9-diene-3,17-dione		5173-46-6
ACI 041307	<b>Dienogest Imp.G(EP):</b> [3,17-dihydroxyestra-1,3,5(10),9(11)tetraen-17a-yl]acetonitrile		86153-38-0

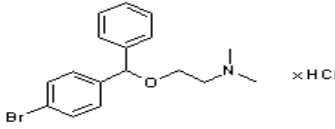
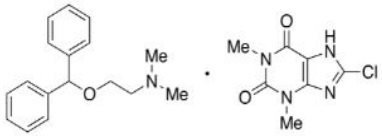
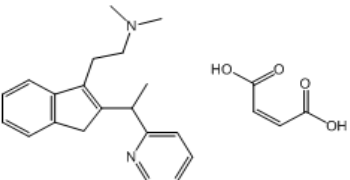
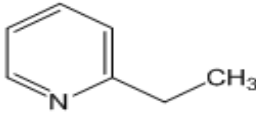
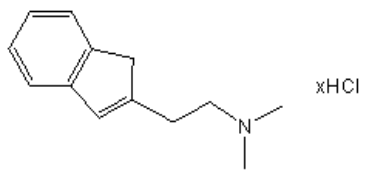
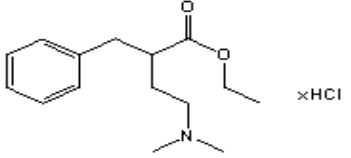
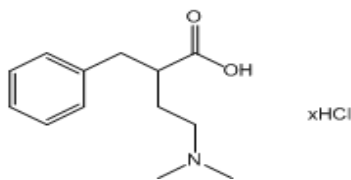
Code	Product Name	Structure	CAS No.
ACI 041312	<b>Dienogest Imp.L(EP):</b> Spiro[1,3-dioxolan-2,3'estra-5'(10'),9'(11')dien]-17'-one		5571-36-8
<b>Difluprednate</b>			
ACI 045100	<b>Difluprednate:</b> (6a,11β)-21-(Acetyloxy)-6,9-difluoro-11-hydroxy-17-(1-oxobutoxy)-pregna-1,4-diene-3,20-dione		23674-86-4
ACI 045111	<b>Difluprednate Impurity:</b> 17a,21-Dideoxy-6a,9a-Difluoroprednisolone		167997-12-8
ACI 045112	<b>Difluprednate Impurity:</b> 6a,9a-Difluoro-11β-hydroxyboldione		n/a
ACI 045113	<b>Difluprednate Impurity:</b> 6a,9a-Difluoro-11β,21-dihydroxy-pregna-1,4,16-triene-3,20-dione		1270039-29-6
ACI 045114	<b>Difluprednate Impurity:</b> (6a,11β)-6,9-Difluoro-11-hydroxy-21-(2-methyl-1-oxopropoxy)-17-(1-oxobutoxy)-pregna-1,4-diene-3,20-dione		n/a
ACI 045115	<b>Difluprednate impurity:</b> 2-((6S,8S,9R,10S,11S,13S,14S,17R)-17-(Butyryloxy)-6,9-difluoro-11-hydroxy-10,13-dimethyl-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl)-2-oxoethyl 3-Methylbutanoate (21-Desacetyl-21-isovaleroyl Difluprednate )		n/a

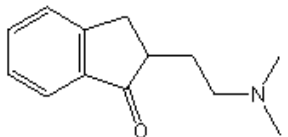
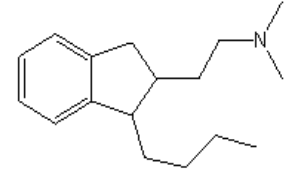
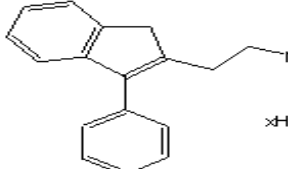
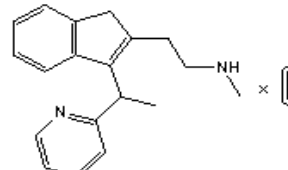
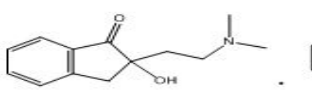
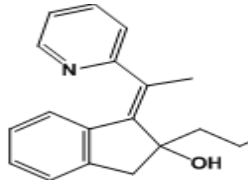
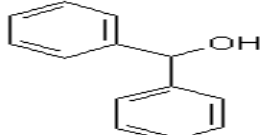
## Diltiazem

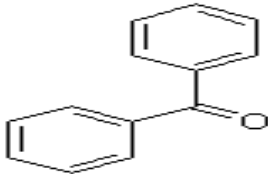
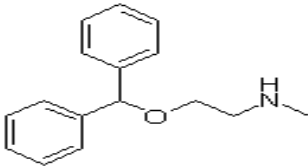
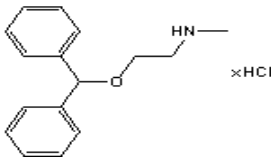
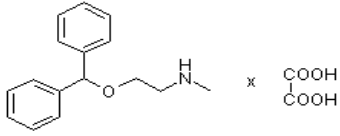
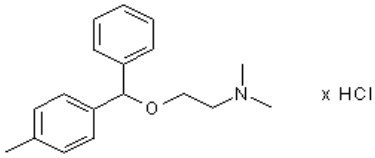
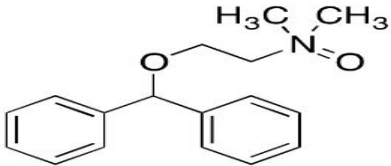
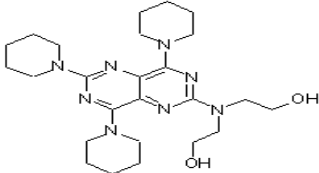
Code	Product Name	Structure	CAS No.
ACI 042800	<b>Diltiazem Hydrochloride:</b> cis-(+)-[2-(2-Dimethylaminoethyl)-5-(4-methoxyphenyl)-3-oxo-6-thia-2-azabicyclo[5.4.0]undeca-7,9,11-trien-4-yl]ethanoate hydrochloride		33286-22-5
ACI 042801	<b>Diltiazem hydrochloride Imp. A (EP) as Hydrochloride salt:</b> (2R,3S)-5-[2-(dimethylamino)ethyl]-2-(4-methoxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl acetate Hydrochloride		103532-27-0
ACI 042802	<b>Diltiazem hydrochloride Imp. B (EP):</b> (2S,3S)-2-(4-methoxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl acetate		[87447-47-0]
ACI 042803	<b>Diltiazem hydrochloride Imp. C (EP):</b> (2S,3S)-5-[2-(dimethylamino)ethyl]-2-(4-hydroxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl acetate		84903-78-6
ACI 042804	<b>Diltiazem hydrochloride Imp. D (EP):</b> (2S,3S)-2-(4-methoxyphenyl)-5-[2-(methylamino)ethyl]-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl acetate		86408-45-9
ACI 042805	<b>Diltiazem hydrochloride Imp. E (EP):</b> (2S,3S)-3-hydroxy-2-(4-methoxyphenyl)-2,3-dihydro-1,5-benzothiazepin-4(5H)-one		42399-49-5
ACI 042806	<b>Diltiazem hydrochloride Imp. F (EP) as hydrochloride:</b> (2S,3S)-5-[2-(dimethylamino)ethyl]-3-hydroxy-2-(4-methoxyphenyl)-2,3-dihydro-1,5-benzothiazepin-4(5H)-one hydrochloride		23515-45-9

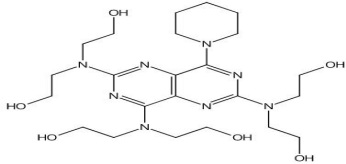
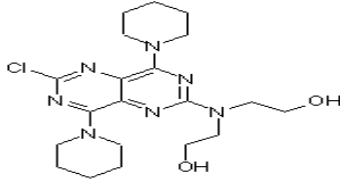
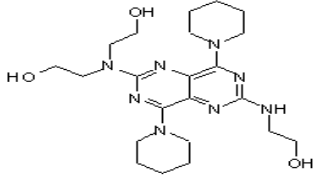
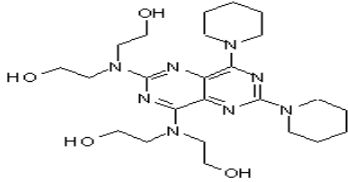
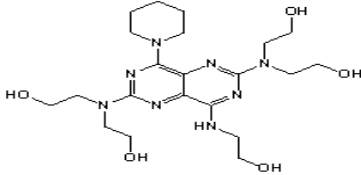
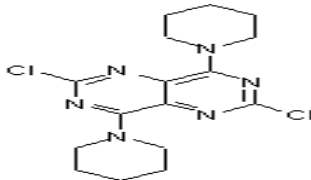
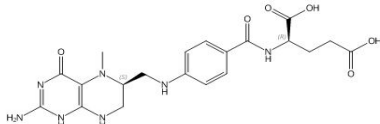


Code	Product Name	Structure	CAS No.
ACI 042808	<b>Diltiazem hydrochloride Impurity:</b> (2S,3S)-5-(2-Aminoethyl)-3-hydroxy-2-(4-hydroxyphenyl)-2,3-dihydro-1,5-benzothiazepine-4(5H)-one		n/a
<b>Dimenhydrinate</b>			
ACI 043704	<b>Dimenhydrinate Imp. D (EP):</b> N-[2-(Diphenylmethoxy)ethyl]-N,N',N'-trimethylethane-1,2-diamine		2212-35-3
ACI 043705	<b>Dimenhydrinate Imp.E (EP):</b> 8-chloro-1,3,7-trimethyl-3,7-dihydro-1H-purine-2,6-dione		4921-49-7
ACI 043707	<b>Dimenhydrinate Imp. G (EP) as Hydrochloride:</b> N-Ethyl-N-methyl-2-[(4-methylphenyl)-(phenyl)methoxy]ethanamine Hydrochloride		4024-34-4
ACI 043709	<b>Dimenhydrinate Imp. K (Pharmeuropa) as Hydrochloride:</b> Bis(diphenylmethyl) Ether		574-42-5
ACI 043711	<b>Dimenhydrinate Imp. K (Pharmeuropa) as Hydrochloride:</b> Bis(diphenylmethyl) Ether		574-42-5
ACI 043715	<b>Dimenhydrinate Impurity:</b> 8-Chloro-1,3-dimethyl-1H-purine-2,6(3H,7H)-dione		85-18-7

Code	Product Name	Structure	CAS No.
ACI 040303	<b>Dimenhydrinate Imp. H (Pharmeuropa) as Hydrochloride:</b> 2-[(RS)-(4-bromophenyl)phenylmethoxy]-N,N-dimethylethanamine hydrochloride		1808-12-4
ACI 032000	<b>Dimenhydrinate:</b> 8-Chlorotheophylline 2-(Diphenylmethoxy)-N,N-dimethylethylamine		523-87-5
<b>Dimetindene</b>			
ACI 041800	<b>Dimetindene Maleate:</b> N,N-Dimethyl-3-[1-(2-pyridinyl)ethyl]-1H-indene-2-ethanamine (2Z)-2-Butenedioate		3614-69-5
ACI 041801	<b>Dimetindene Maleate Imp.A (EP):</b> 2-Ethyl pyridine		100-71-0
ACI 041802	<b>Dimetindene Maleate Imp.B (EP) as hydrochloride:</b> 2-(1H-Inden-2-yl)-N,N-dimethylethanamine Hydrochloride		92039-36-6
ACI 041803	<b>Dimetindene Maleate Imp. C (EP) as Hydrochloride:</b> Ethyl (2RS)-2-benzyl-4-(dimethylamino)butanoate Hydrochloride		n/a
ACI 041804	<b>Dimetindene Maleate Imp. D (EP) as hydrochloride:</b> (2RS)-2-Benzyl-4-(dimethylamino)butanoic acid Hydrochloride		n/a

Code	Product Name	Structure	CAS No.
ACI 041805	<b>Dimetindene Maleate Imp. E (EP) as hydrochloride:</b> (2RS)-2-[2-(Dimethylamino)ethyl]-indan-1-one hydrochloride		5143-99-7
ACI 041806	<b>Dimetindene Maleate Imp. F (EP):</b> 2-(3-butyl-1H-inden-2-yl)-N,N-dimethylethanamine		n/a
ACI 041807	<b>Dimetindene Maleate Imp. G (EP) as hydrochloride:</b> N,N-dimethyl-2-(3-phenyl-1H-inden-2-yl)ethanamine hydrochloride		n/a
ACI 041809	<b>Dimetindene Maleate Imp. I (EP) as maleate:</b> N-methyl-2-[3-[(1RS)-1-(pyridin-2-yl)ethyl]-1H-inden-2-yl]ethanamine maleate salt		135784-57-5
ACI 041812	<b>Dimetindene Maleate Impurity as maleate salt:</b> 2-(2-(dimethylamino)ethyl)-2-hydroxy-2,3-dihydro-1H-inden-1-one maleate		69705-09-5
ACI 041813	<b>Dimetindene Maleate Impurity:</b> 2-(2-(Dimethylamino)ethyl)-1-(1-(pyridine-2-yl)ethylidene)-2,3-dihydro-1H-inden-1-ol.		n/a
<b>Diphenhydramine</b>			
ACI 040304	<b>Diphenhydramine Hydrochloride Imp. D (EP):</b> Diphenylmethanol		91-01-0

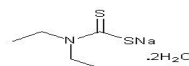
Code	Product Name	Structure	CAS No.
ACI 040305	<b>Diphenhydramine Hydrochloride Imp. E (EP):</b> Benzophenone		119-61-9
ACI 040310	<b>Diphenhydramine Hydrochloride Imp. A (EP):</b> 2-(Diphenylmethoxy)-N-methylethanamine		17471-10-2
ACI 040311	<b>Diphenhydramine Hydrochloride Imp. A (EP) as Hydrochloride:</b> 2-(Diphenylmethoxy)-N-methylethanamine hydrochloride		53499-40-4
ACI 040301	<b>Diphenhydramine Hydrochloride Imp. A (EP) as Oxalate:</b> 2-(Diphenylmethoxy)-N-methylethanamine oxalate		n/a
ACI 040302	<b>Diphenhydramine Hydrochloride Imp. B (EP) as Hydrochloride:</b> 2-[(RS)-(4-methylphenyl)phenylmethoxy]-N,N-dimethylethanamine hydrochloride		4024-34-4
<b>Diphenhydramine-N-Oxide</b>			
ACI 040306	<b>Diphenhydramine-N-Oxide:</b> 2-(Diphenylmethoxy)-N,N-dimethylethanamine N-Oxide		3922-74-5
<b>Dipyridamole</b>			
ACI 041001	<b>Dipyridamole Imp. A (EP):</b> 2,2'-[[4,6,8-tri(piperidin-1-yl)pyrimido[5,4-d]pyrimidin-2-yl]nitrilo]diethanol		16982-40-4

Code	Product Name	Structure	CAS No.
ACI 041002	<b>Dipyridamole Imp. B (EP):</b> 2,4,6-Tris(diethanolamino)-8-piperidinopyrimido[5,4-d]pyrimidine		16908-47-7
ACI 041003	<b>Dipyridamole Imp. C (EP):</b> 2,2'-[[6-chloro-4,8-di(piperidin-1-yl)pyrimido[5,4-d]pyrimidin-2-yl]nitrilo]diethanol		54093-92-4
ACI 041004	<b>Dipyridamole Imp. D (EP):</b> 2,2'-[[6-[(2-hydroxyethyl)amino]-4,8-di(piperidin-1-yl)pyrimido[5,4-d]pyrimidin-2-yl]nitrilo]diethanol		1176886-12-6
ACI 041005	<b>Dipyridamole Imp. E (EP):</b> 2,2',2'',2'''-[[6,8-di(piperidin-1-yl)pyrimido[5,4-d]pyrimidine-2,4-diyl]dinitrilo]tetraethanol		n/a
ACI 041006	<b>Dipyridamole Imp. F (EP):</b> 2,2',2'',2'''-[[4-[(2-hydroxyethyl)amino]-8-(piperidin-1-yl)pyrimido[5,4-d]pyrimidine-2,6-diyl]dinitrilo]tetraethanol		60286-30-8
ACI 041007	<b>Dipyridamole Imp. G (EP):</b> 2,6-dichloro-4,8-di(piperidin-1-yl)pyrimido[5,4-d]pyrimidine		7139-02-8
<b>D-Isomer</b>			
ACI 121816	<b>D-Isomer Impurity of Levomefolic acid:</b> N-[4-[[[(6S)-2-amino-3,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]methyl]amino]benzoyl]- D-Glutamic acid		2585189-28-0

## Disulfiram

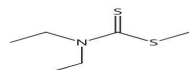
Code	Product Name	Structure	CAS No.
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ACI 046002 **Disulfiram Impurity B (EP):** Diethyldithiocarbamic Acid Sodium Salt dihydrate



72140-17-1

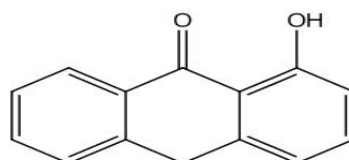
ACI 046012 **Disulfiram Impurity:** Methyl Diethyldithiocarbamate



686-07-7

## Dithranol

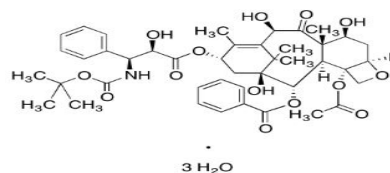
ACI 046504 **Dithranol Imp.D(EP or IP):** 1-hydroxyanthracen-9(10H)-one



1715-81-7

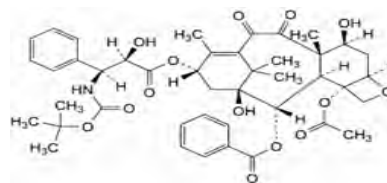
## Docetaxel

ACI 040900 **Docetaxel trihydrate:** [2aR-[2aα,4β,4aβ,6β,9α(αR\*,βS\*),11α,12α,12aα,12bα]]-12b-(Acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-ylester-β-[[[(1,1-dimethylethoxy)carbonyl]amino]-α-hydroxybenzene]propanoic Acid Trihydrate



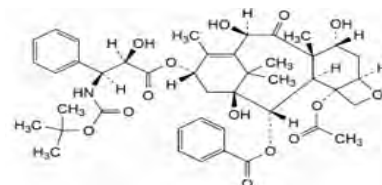
114977-28-5

ACI 040902 **Docetaxel trihydrate Imp. B (EP):** 1,7β-dihydroxy-9,10-dioxo-5β,20-epoxytax-11-ene-2a,4,13a-triyl 4-acetate 2-benzoate 13-[[[(2R,3S)-3-[[[(1,1-dimethylethoxy)carbonyl]amino]-2-hydroxy-3-phenylpropanoate]



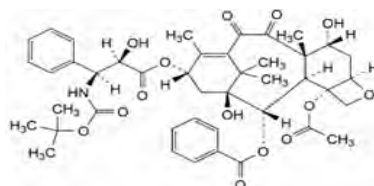
167074-97-7

ACI 040903 **Docetaxel trihydrate Imp. C (EP):** 1,7a,10β-trihydroxy-9-oxo-5β,20-epoxytax-11-ene-2a,4,13a-triyl 4-acetate 2-benzoate 13-[[[(2R,3S)-3-[[[(1,1-dimethylethoxy)carbonyl]amino]-2-hydroxy-3-phenylpropanoate]

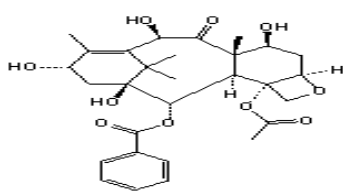
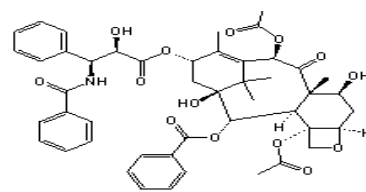
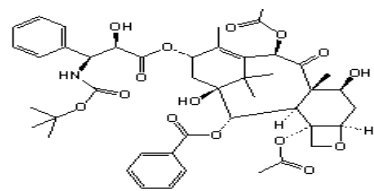
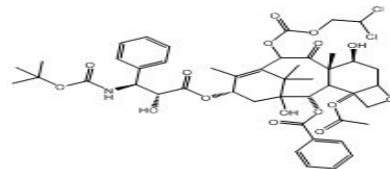


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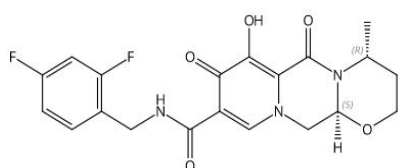
ACI 040904 **Docetaxel trihydrate Imp. D (EP):** 1,7a-dihydroxy-9,10-dioxo-5β,20-epoxytax-11-ene-2a,4,13a-triyl 4-acetate 2-benzoate 13-[[[(2R,3S)-3-[[[(1,1-dimethylethoxy)carbonyl]amino]-2-hydroxy-3-phenylpropanoate]



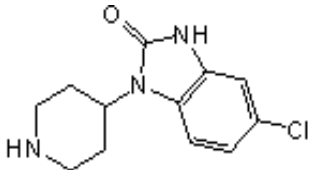
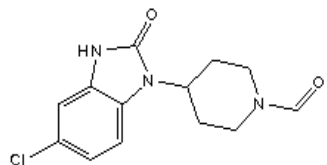
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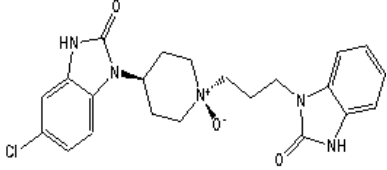
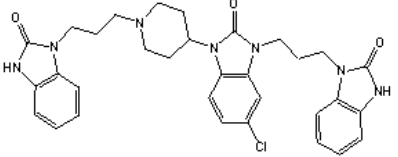
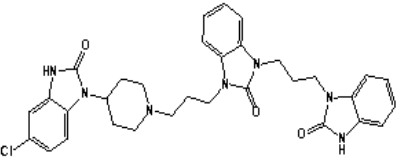
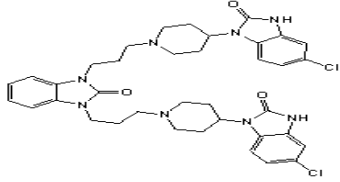
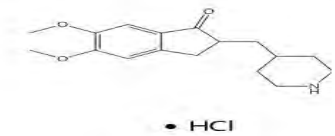
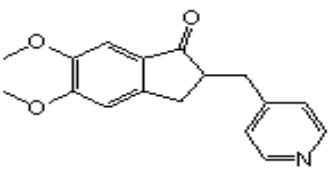
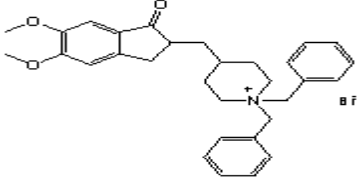
Code	Product Name	Structure	CAS No.
ACI 040905	<b>Docetaxel anhydrous Imp. E (EP):</b> 5 $\beta$ ,20-Epoxy-4-(acetyloxy)-1,7 $\beta$ ,10 $\beta$ ,13a-tetrahydroxy-9-oxotax-11-en-2a-yl benzoate		32981-86-5
ACI 040906	<b>Docetaxel anhydrous Imp. F (EP):</b> 5 $\beta$ ,20-Epoxy-1,7 $\beta$ -dihydroxy-9-oxotax-11-en-2a,4,10 $\beta$ ,13a-tetrayl 4,10-diacetate 2-benzoate 13-[(2R,3S)-3-(benzoylamino)-2-hydroxy-3-phenylpropanoate		33069-62-4
ACI 040907	<b>Docetaxel anhydrous Imp. G (EP):</b> 5 $\beta$ ,20-epoxy-1,7 $\beta$ -dihydroxy-9-oxotax-11-ene-2a,4,10 $\beta$ ,13a-tetrayl 4,10-diacetate 2-benzoate 13-[(2R,3S)-3-[[[1,1-dimethylethoxy)carbonyl]amino]-2-hydroxy-3-phenylpropanoate]		125354-16-7
ACI 040911	<b>Docetaxel anhydrous Impurity:</b> 6-DiChloroethoxy carbonyl Docetaxel		NA

## Dolutegravir

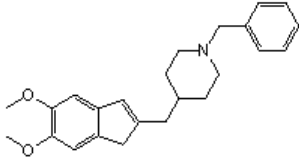
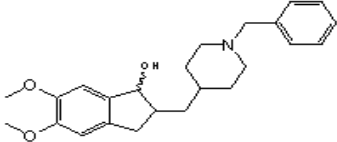
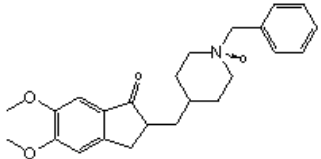
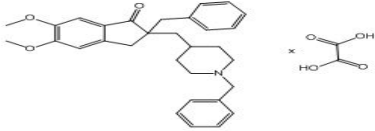
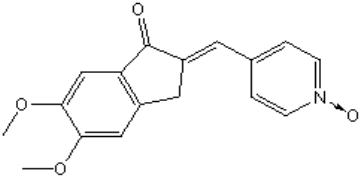
ACI 046300	<b>Dolutegravir:</b> (4R,9aS)-5-Hydroxy-4-methyl-6,10-dioxo-3,4,6,9,9a,10-hexahydro-2H-1-oxa-4a,8a-diaza-anthracene-7-carboxylic acid 2,4-difluoro-benylamide		1051375-16-6
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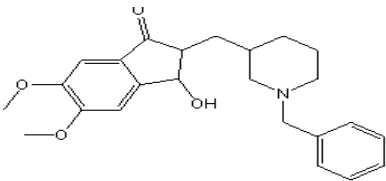
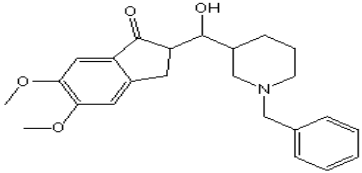
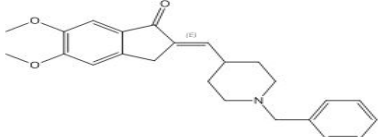
## Domperidone

ACI 040601	<b>Domperidone Imp. A (EP):</b> 5-Chloro-1-(piperidin-4-yl)-1,3-dihydro-2H-benzimidazol-2-one		53786-28-0
ACI 040602	<b>Domperidone Imp. B (EP):</b> 4-(5-Chloro-2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)-1-formylpiperidine		1346598-11-5

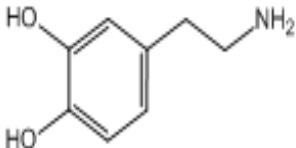
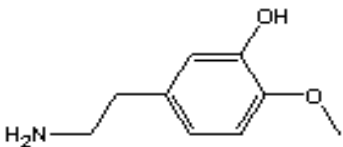
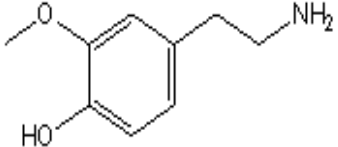
Code	Product Name	Structure	CAS No.
ACI 040603	<b>Domperidone Imp. C (EP):</b> cis-4-(5-chloro-2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)-1-[3-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)propyl]piperidine 1-oxide		118435-03-3
ACI 040604	<b>Domperidone Imp. D (EP):</b> 5-chloro-3-[3-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)propyl]-1-[1-[3-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)propyl]piperidin-4-yl]-1,3-dihydro-2H-benzimidazol-2-one		1614255-34-3
ACI 040605	<b>Domperidone Imp. E (EP):</b> 1-[3-[4-(5-chloro-2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]propyl]-3-[3-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)propyl]-1,3-dihydro-2H-benzimidazol-2-one		1346602-50-3
ACI 040606	<b>Domperidone Imp. F (EP):</b> 1,3-bis[3-[4-(5-chloro-2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]propyl]-1,3-dihydro-2H-benzimidazol-2-one		1391053-55-6
<b>Donepezil</b>			
ACI 040801	<b>Donepezil Hydrochloride Impurity as Hydrochloride:</b> 5,6-Dimethoxy-2-(4-piperidinylmethyl)-1-indanone hydrochloride		120013-39-0
ACI 040802	<b>Donepezil Hydrochloride Impurity:</b> 5,6-Dimethoxy-2-(4-pyridyl)methylindan-1-one		4803-57-0
ACI 040803	<b>Donepezil Hydrochloride Impurity:</b> 1,1-Dibenzyl-4-[(5,6-Dimethoxy-1-oxo-2,3-dihydro-1H-inden-2-yl)methyl]piperidinium bromide		844694-85-5



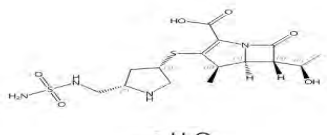
Code	Product Name	Structure	CAS No.
ACI 040804	<b>Donepezil Hydrochloride Impurity:</b> 1-Benzyl-4-[(5,6-dimethoxy-1H-inden-2-yl)methyl]piperidine		120013-45-8
ACI 040805	<b>Donepezil Hydrochloride Impurity:</b> 1-Benzyl-4- [(5,6-dimethoxy-2,3-dihydro-1H-inden-2-yl)methyl]piperidine		844694-84-4
ACI 040806	<b>Donepezil Hydrochloride Impurity:</b> 2-[(1-Benzyl-4-piperidyl) methyl]-5,6-dimethoxy-1-indanol		120012-04-6
ACI 040807	<b>Donepezil Hydrochloride Impurity:</b> 2,3-Dihydro-5,6-dimethoxy-2- [[1-oxido-1-(phenylmethyl)-4-piperidiny]methyl]-1H-Inden-1-one		120013-84-5
ACI 040808	<b>Donepezil Hydrochloride Impurity:</b> 2,3-Dihydro-5,6-dimethoxy- 2-[[1-(phenylmethyl)-4-piperidiny]methylene] -1H-Inden-1-one		120014-07-5
ACI 040812	<b>Donepezil Hydrochloride Impurity as oxalate:</b> 2-Benzyldonepezil Oxalate		NA
ACI 040813	<b>Donepezil Hydrochloride Impurity:</b> Donepezil alkene pyridine N-oxide		896134-06-8

Code	Product Name	Structure	CAS No.
ACI 040814	<b>Donepezil Hydrochloride Impurity:</b> 3-Hydroxy Donepezil		n/a
ACI 040815	<b>Donepezil Hydrochloride Impurity:</b> Hydroxy Donepezil		197010-20-1
ACI 040816	<b>Donepezil Hydrochloride Impurity:</b> ((E)-2-[(1-benzylpiperidin-4-yl)methylene]-5,6-dimethoxyindan-1-one)		145546-80-1

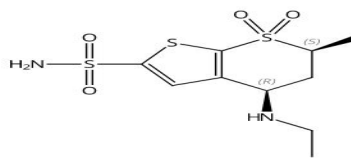
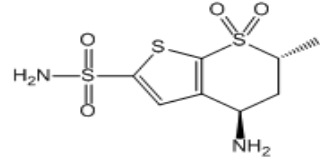
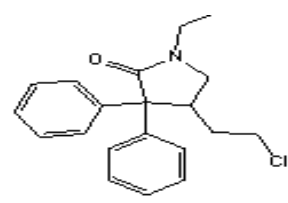
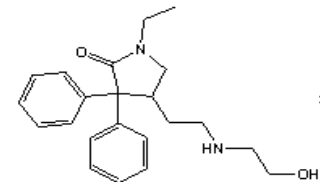
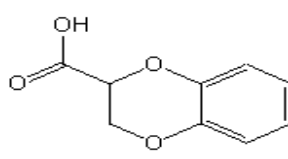
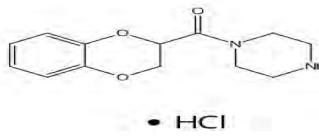
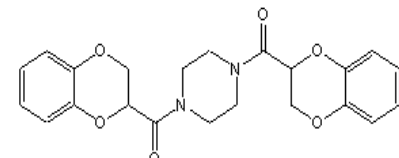
## Dopamine

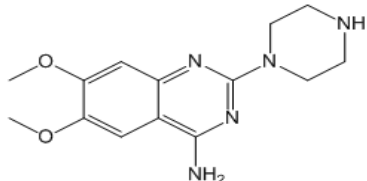
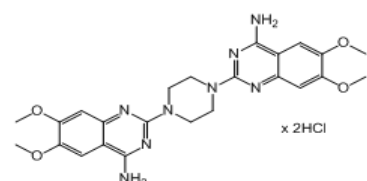
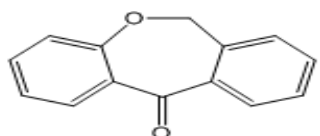
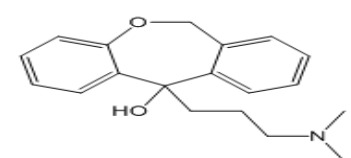
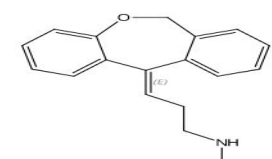
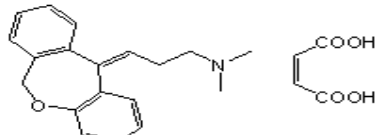
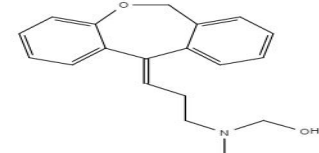
ACI 041600	<b>Dopamine Hydrochloride:</b> 4-(2-Aminoethyl)benzene-1,2-diol hydrochloride		x HCl 62-31-7
ACI 041601	<b>Dopamine Hydrochloride Imp. A:</b> 5-(2-aminoethyl)-2-methoxyphenol		n/a
ACI 041602	<b>Dopamine Hydrochloride Imp. B (EP):</b> 4-(2-aminoethyl)-2-methoxyphenol		554-52-9

## Doripenem

ACI 047200	<b>Doripenem Hydrate:</b> (4R, 5S, 6S)-3-[[[(3S, 5S)-5-[[[Aminosulfonyl] amino] methyl]-3-pyrrolidinyl] thio]-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-1-azabicyclo [3.2.0] hept-2-ene-2-carboxylic acid hydrate		• H <sub>2</sub> O 364622-82-2
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## Dorzolamide

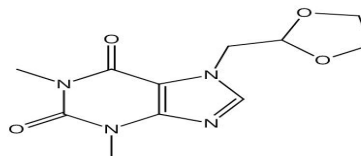
Code	Product Name	Structure	CAS No.
ACI 042202	<b>Dorzolamide hydrochloride Imp. B (EP):</b> (4RS,6SR)-4-(ethylamino)-6-methyl-5,6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide		149249-72-9
ACI 042204	<b>Dorzolamide hydrochloride Imp. D (EP):</b> (4S,6S)-4-amino-6-methyl-5,6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide	 x HCl	164455-27-0
<b>Doxapram</b>			
ACI 041501	<b>Doxapram Imp. A (EP):</b> (4RS)-4-(2-chloroethyl)-1-ethyl-3,3-diphenylpyrrolidin-2-one		3192-64-1
ACI 041502	<b>Doxapram Related Compound B:</b> 1-Ethyl-4-[(2-hydroxyethyl)amino]ethyl]-3,3-diphenylpyrrolidin-2-one	 x HCl	100106-91-0
<b>Doxazosin</b>			
ACI 040501	<b>Doxazosin Mesilate Imp. A (EP):</b> (2RS)-2,3-dihydro-1,4-benzodioxine-2-carboxylic acid		3663-80-7
ACI 040502	<b>Doxazosin Mesilate Imp. B (EP) as Hydrochloride:</b> 1-[(2RS)-2,3-dihydro-1,4-benzodioxin-2-ylcarbonyl]piperazine hydrochloride	 • HCl	70918-74-0
ACI 040503	<b>Doxazosin Mesilate Imp. C (EP):</b> 1,4-bis(2,3-dihydro-1,4-benzodioxin-2-ylcarbonyl)piperazine		617677-53-9

Code	Product Name	Structure	CAS No.
ACI 040507	<b>Doxazosin Mesilate Imp. G (EP):</b> 6,7-Dimethoxy-2-(piperazin-1-yl)quinazolin-4-amine		60547-97-9
ACI 040508	<b>Doxazosin Mesilate Imp. H (EP) as dihydrochloride:</b> 2,2'-(Piperazine-1,4-diyl)bis(6,7-dimethoxyquinazolin-4-amine dihydrochloride)		1486464-41-8
<b>Doxepin</b>			
ACI 040201	<b>Doxepin Hydrochloride Imp. A (EP):</b> Dibenzo[b,e]oxepin-11(6H)-one (Doxepinone)		4504-87-4
ACI 040202	<b>Doxepin Hydrochloride Imp. B (EP):</b> (11RS)-11-[3-(dimethylamino)propyl]-6,11-dihydrodibenzo[b,e]oxepin-11-ol		4504-88-5
ACI 040203	<b>Doxepin Hydrochloride Imp. C (EP) as Maleate:</b> (E)-3-(dibenzo[b,e]oxepin-11(6H)-ylidene)-N-methylpropan-1-amine maleate		67035-76-1
ACI 040204	<b>Doxepin Hydrochloride Imp. D (EP) as Maleate:</b> (Z)-3-(dibenzo[b,e]oxepin-11(6H)-ylidene)-N,N-dimethylpropan-1-amine maleate		147365-12-6
ACI 040206	<b>Doxepin Impurity:</b> N-desmethyl-N-hydroxy methyl Doxepin		NA

**Doxofylline**

Code	Product Name	Structure	CAS No.
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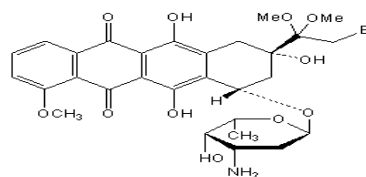
ACI 044100 **Doxofylline:** 7-(1,3-dioxolan-2-ylmethyl)-3,7-dihydro-1,3-dimethyl-1H-Purine-2,6-dione



69975-86-6

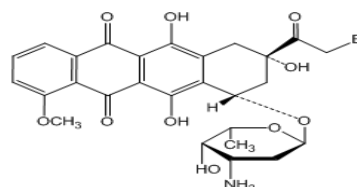
## Doxorubicin

ACI 043002 **Doxorubicin hydrochloride Imp. B (EP):** (8S,10S)-10[[3-amino-2,3,6-trideoxy-a-l-lyxo-hexopyranosyl]oxy]-8-(2-bromo-1,1-dimethoxyethyl)-6,8,11-trihydroxy-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione



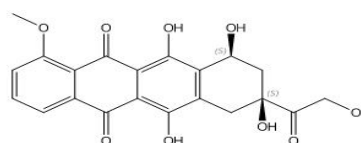
106401-68-7

ACI 043003 **Doxorubicin hydrochloride Imp. C (EP):** (8S,10S)-10[[3-amino-2,3,6-trideoxy-a-l-lyxo-hexopyranosyl]oxy]-8-(bromoacetyl)-6,8,11-trihydroxy-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione



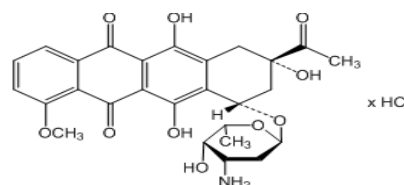
65026-79-1

ACI 043004 **Doxorubicin hydrochloride Imp. D (EP):** (8S,10S)-6,8,10,11-tetrahydroxy-8-(hydroxyacetyl)-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione (doxorubicin aglycone, doxorubicinone)



24385-10-2

ACI 042400 **Doxorubicin hydrochloride Imp. A (EP) as hydrochloride:** (8S,10S)-8-Acetyl-10-[[3-amino-2,3,6-trideoxy-a-l-lyxo-hexopyranosyl]oxy]-6,8,11-trihydroxy-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione hydrochloride (Daunorubicin)

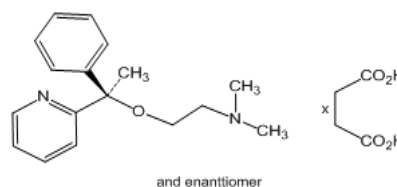


x HCl

23541-50-6

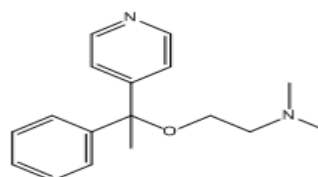
## Doxylamine

ACI 041400 **Doxylamine hydrogen succinate:** N,N-Dimethyl-2-[(1RS)-1-phenyl-1-(pyridin-2-yl)ethoxy]ethanamine hydrogen butanedioate

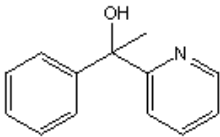
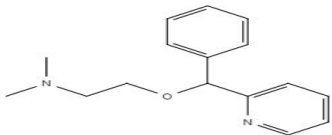
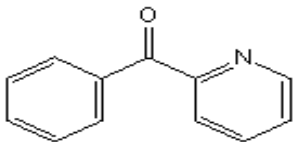
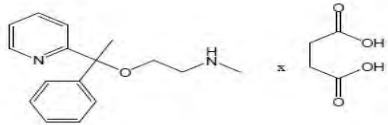
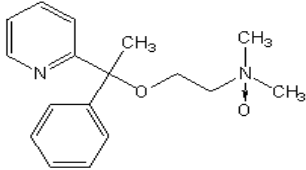
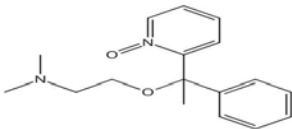
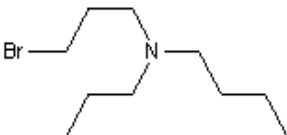


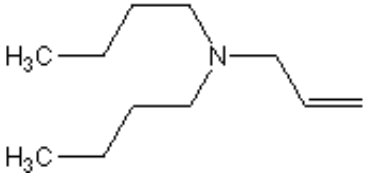
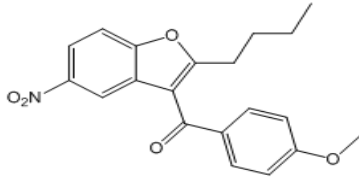
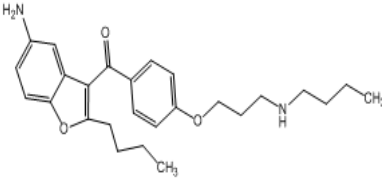
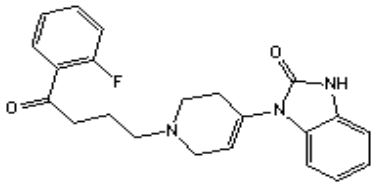
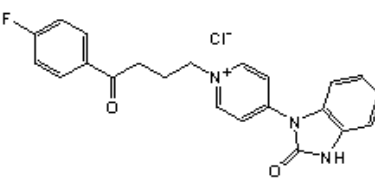
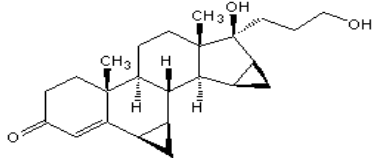
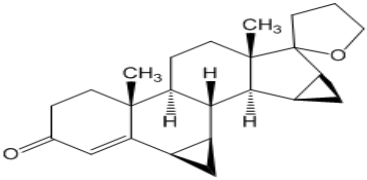
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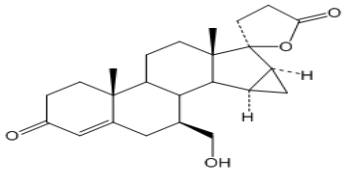
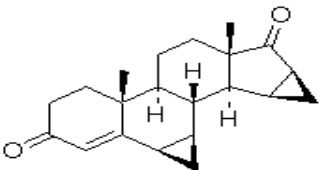
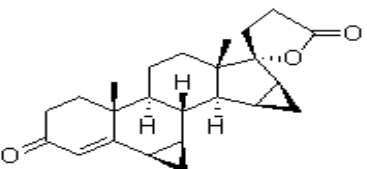
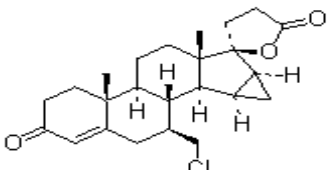
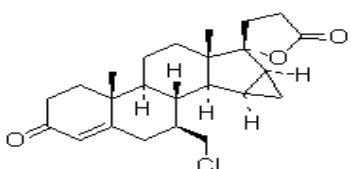
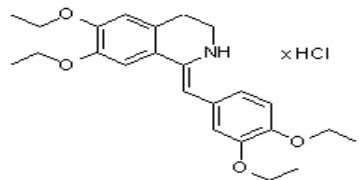
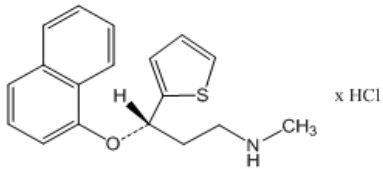
ACI 041401 **Doxylamine hydrogen succinate Imp. A (EP):** N,N-dimethyl-2-[(1RS)-1-phenyl-1-(pyridin-4-yl)ethoxy]ethanamine



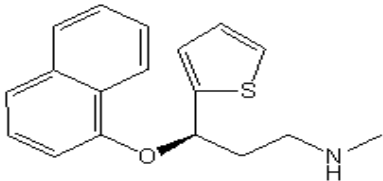
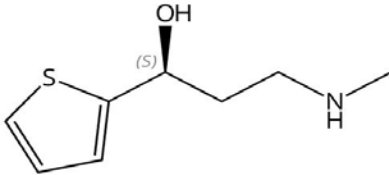
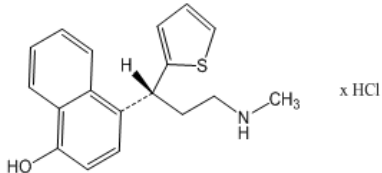
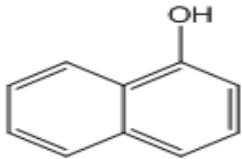
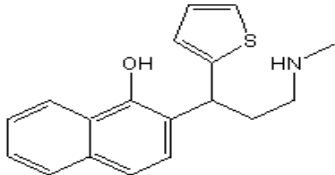
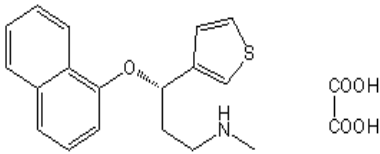
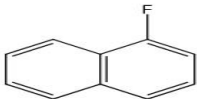
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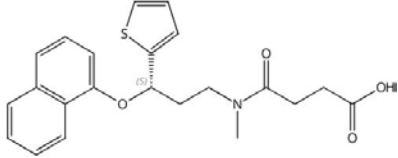
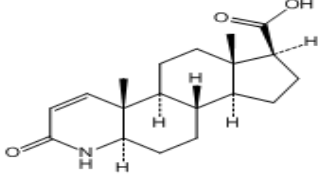
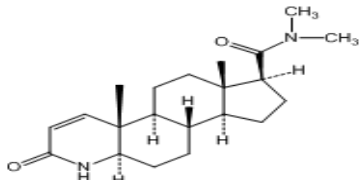
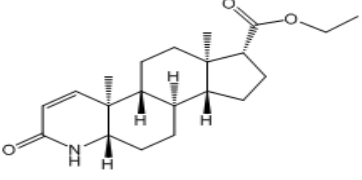
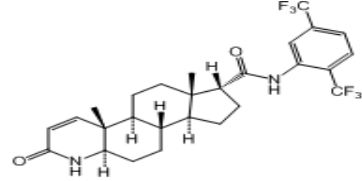
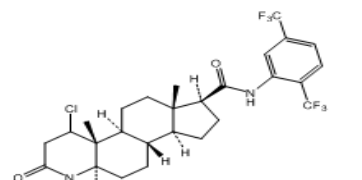
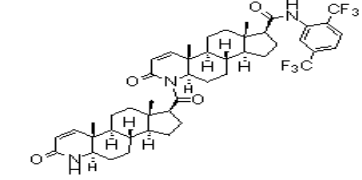
Code	Product Name	Structure	CAS No.
ACI 041402	<b>Doxylamine hydrogen succinate Imp. B (EP) as Hydrochloride:</b> (1RS)-1-Phenyl-1-(pyridin-2-yl)ethanol hydrochloride	 xHCl	879671-67-7
ACI 041403	<b>Doxylamine hydrogen succinate Imp. C (EP) as dihydrochloride:</b> N,N-dimethyl-2-[(1RS)-1-phenyl-1-(pyridin-2-yl)methoxy]ethanamine dihydrochloride	 NA	NA
ACI 041404	<b>Doxylamine hydrogen succinate Imp. D (EP):</b> phenyl (pyridin-2-yl)methanone	 91-02-1	91-02-1
ACI 041411	<b>Doxylamine hydrogen succinate Impurity:</b> 2-(1-Phenyl-1-(pyridin-2-yl)ethoxy)-N-methylethanamine succinate	 NA	NA
ACI 041412	<b>Doxylamine hydrogen succinate Impurity:</b> Doxylamine N-Oxide Dihydrochloride	 x HCl	NA
ACI-041414	<b>Doxylamine hydrogen succinate Impurity:</b> N,N-Dimethyl-2-[1-(1-oxido-2-pyridinyl)-1-phenylethoxy]ethanamine	 99430-77-0	99430-77-0
<b>Dronedarone</b>			
ACI 041911	<b>Dronedarone Impurity as hydrobromide:</b> N-(3-bromopropyl)-N-butylbutan-1-amine hydrobromide salt	 x HBr	88805-95-2

Code	Product Name	Structure	CAS No.
ACI 041912	<b>Dronedarone Impurity:</b> N-butyl-N-(prop-2-en-1-yl)butan-1-amine		53826-28-1
ACI 041914	<b>Dronedarone Impurity:</b> (2-butyl-5-nitro-1-benzofuran-3-yl) (4-methoxyphenyl)methanone		141627-42-1
ACI 041918	<b>Dronedarone Impurity:</b> (5-Amino-2-butylbenzofuran-3-yl) (4-(3-(butylamino) propoxy)phenyl)methanone		141626-26-8
<b>Droperidol</b>			
ACI 042602	<b>Droperidol Imp. B (EP):</b> 1-[1-[4-(2-fluorophenyl)-4-oxobutyl]-1,2,3,6-tetrahydropyridin-4-yl]-1,3-dihydro-2H-benzimidazol-2-one		1026015-45-1
ACI 042603	<b>Droperidol Imp. C (EP):</b> 1-[4-(4-Fluorophenyl)-4-oxobutyl]-4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)pyridinium Chloride		60373-76-4
<b>Drospironone</b>			
ACI 043411	<b>Drospironone Impurity:</b> Drospironone diol (3-Hydroxy-6,7-dihydro Canrenone Lactol)		69651-50-9
ACI 043412	<b>Drospironone Impurity:</b> Drospironone ether		n/a

Code	Product Name	Structure	CAS No.
ACI 043402	<b>Drosperinone Imp. B</b> : 7 $\beta$ -(hydroxymethyl)-3-oxo-15a,16a-dihydro-3'H-cyclopropa[15,16]-17a-pregn-4-ene-21,17-carbolactone (7 $\beta$ -hydroxymethyl derivative)		-
<b>Drospirenone</b>			
ACI 043403	<b>Drospirenone Imp. C (EP)</b> : 6 $\alpha$ ,7 $\alpha$ ,15 $\alpha$ ,16 $\alpha$ -tetrahydro-3'H,3''H -dicyclopropa[6,7:15,16]androst-4-ene-3,17-dione		116298-21-6
ACI 043405	<b>Drospirenone Imp. E (EP)</b> : 3-oxo-6 $\alpha$ ,7 $\alpha$ ,15 $\alpha$ ,16 $\alpha$ -tetrahydro-3'H,3''H-dicyclopropa[6,7:15,16]pregn-4-ene-21,17- carbolactone		90457-65-1
ACI 043407	<b>Drospirenone Imp. G (EP)</b> : 7 $\beta$ -(chloromethyl)-3-oxo-15a,16a-dihydro-3'H-cyclopropa[15,16]-17a-pregn-4-ene-21,17-carbolactone (3'-chloro-3',6-secodrospirenone)		932388-90-4
ACI 043408	<b>Drospirenone Imp. H (EP)</b> : 7 $\beta$ -(chloromethyl)-3-oxo-15a,16a-dihydro-3'H-cyclopropa[15,16]pregn-4-ene-21,17-carbolactone (3'-chloro-3',6-seco-17-epidrospirenone),		932388-89-1
<b>Drotaverine</b>			
ACI 040700	<b>Drotaverine Hydrochloride</b> : (Z)-1-(3,4-diethoxybenzylidene)-6,7-diethoxy-1,2,3,4-tetrahydroisoquinoline hydrochloride		985-12-6
<b>Duloxetine</b>			
ACI 043300	<b>Duloxetine hydrochloride</b> : (3S)-N-Methyl-3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)propan-1-amine hydrochloride		136434-34-9

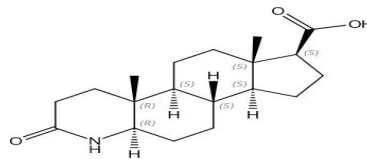


Code	Product Name	Structure	CAS No.
ACI 043301	<b>Duloxetine hydrochloride Imp. A (EP):</b> (3R)-N-methyl-3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)propan-1-amine		116539-60-7
ACI 043302	<b>Duloxetine hydrochloride Imp. B (EP):</b> (1S)-3-(methylamino)-1-(thiophen-2-yl)propan-1-ol		116539-55-0
ACI 043303	<b>Duloxetine hydrochloride Imp. C (EP) as hydrochloride:</b> 4-[(1RS)-3-(methylamino)-1-(thiophen-2-yl)propyl]naphthalen-1-ol hydrochloride		953028-76-7
ACI 043304	<b>Duloxetine hydrochloride Imp. D (EP):</b> alpha-Naphthol		90-15-3
ACI 043305	<b>Duloxetine hydrochloride Imp. E (EP):</b> 2-[(1RS)-3-(methylamino)-1-(thiophen-2-yl)propyl]naphthalen-1-ol		1033803-59-6
ACI 043306	<b>Duloxetine hydrochloride Imp. F (EP) as Oxalate Salt:</b> (3S)-N-Methyl-3-(naphthalen-1-yloxy)-3-(thiophen-3-yl)propan-1-amine oxalate		132335-47-8
ACI 043307	<b>Duloxetine hydrochloride Imp. G (EP):</b> 1-Fluoronaphthalene		321-38-0

Code	Product Name	Structure	CAS No.
ACI 043311	<b>Duloxetine hydrochloride Impurity:</b> (S)-Duloxetine succinamide)4-[Methyl(3S)-3-(1-Naphthalenyloxy)-3-(2-thienyl)propyl]amino]-4-oxobutanoic acid		199191-66-7
<b>Dutasteride</b>			
ACI 043801	<b>Dutasteride Imp.A (EP):</b> (4aR,4bS,6aS,7S,9aS,9bS,11aR)-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-1H-indeno[5,4-f]quinoline-7-carboxylic acid		104239-97-6
ACI 043802	<b>Dutasteride Imp.B (EP):</b> (4aR,4bS,6aS,7S,9aS,9bS,11aR)-N,N,4a,6a-tetramethyl-2-oxo-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-1H-indeno[5,4-f]quinoline-7-carboxamide		NA
ACI 043803	<b>Dutasteride Imp.C (Pharmaeuropa):</b> ethyl (4aR,4bS,6aS,7S,9aS,9bS,11aR)-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-1H-indeno[5,4-f]quinoline-7-carboxylate		157307-36-3
ACI 043805	<b>Dutasteride Imp.E (EP):</b> (4aR,4bS,6aS,7R,9aS,9bS,11aR)-N-[2,5-bis(trifluoromethyl)phenyl]-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-1H-indeno[5,4-f]quinoline-7-carboxamide		1796930-46-5
ACI 043806	<b>Dutasteride Imp.F (EP):</b> (4S,4aR,4bS,6aS,7S,9aS,9bS,11aR)-N-[2,5-bis(trifluoromethyl)phenyl]-4-chloro-4a,6adimethyl-2-oxohexadecahydro-1H-indeno[5,4-f]quinoline-7-carboxamide		1365545-42-1
ACI 043809	<b>Dutasteride Imp.I (EP):</b> (4aR,4bS,6aS,7S,9aS,9bS,11aR)-N-[2,5-Bis(trifluoromethyl)phenyl]-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-4a,6a-dimethyl-2-oxo-1-[[[(4aR,4bS,6aS,7S,9aS,9bS,11aR)-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-4a,6a-dimethyl-2-oxo-1H-indeno[5,4-f]quinolin-7-yl]carbonyl]-1H-indeno[5,4-f]quinoline-7-carboxamide.		1648593-70-7

Code	Product Name	Structure	CAS No.
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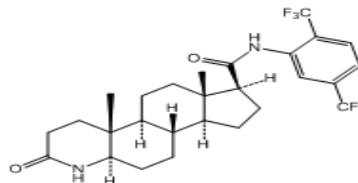
ACI 043822	<b>Dutasteride Impurity:</b> 3-Oxo-4-aza-5 $\alpha$ -androstane-17 $\beta$ -carboxylic acid
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103335-55-3

### Dutasteride Impurity

ACI 043821	<b>Dutasteride Impurity:</b> 4aR,4bS,6aS,7S,9aS,9bS,11aR)-N-[2,5-Bis(trifluoromethyl)phenyl]hexadecahydro-4a,6a-dimethyl-2-oxo-1H-Indeno[5,4-f]quinoline-7-carboxamide (Dihydro Dutasteride)
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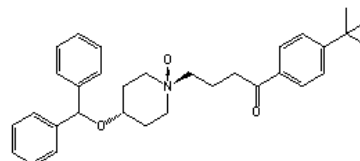


164656-22-8

Code	Product Name	Structure	CAS No.
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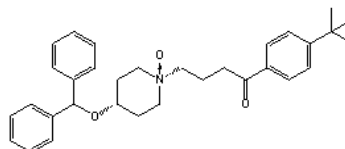
### Ebastine

ACI 051506 **Ebastine Imp. F (EP):** 1-4-(1,1-dimethylethyl) phenyl-4-cis-4-(diphenylmethoxy)-1-oxidopiperidin-1-ylbutan-1-one



1429071-63-5

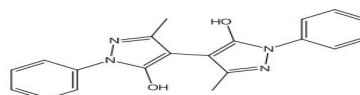
ACI 051507 **Ebastine Imp. G (EP):** 1-4-(1,1-dimethylethyl)phenyl-4-trans-4-(diphenylmethoxy)-1-oxidopiperidin-1-yl butan-1-one



1429071-65-7

### Edaravone

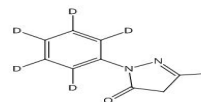
ACI 056011 **Edaravone Dimer Impurity :** 3,3'-dimethyl-1,1'-diphenyl-1H,1'H-[4,4'-bipyrazole]-5,5'-diol



177415-76-8

### Edaravone-D5

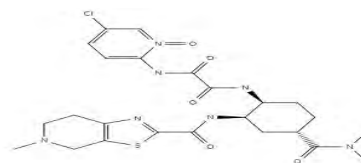
ACI 056030 **Edaravone-D5:** 5-methyl-2-(phenyl-d5)-2,4-dihydro-3H-pyrazol-3-one



1228765-67-0

### Edoxaban

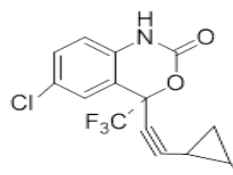
ACI 055812 **Edoxaban Oxide Impurity:** 5-Chloro-2-(2-(((1S,2R,4S)-4-(dimethylcarbamoyl)-2-(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamido)cyclohexyl)amino)-2-oxoacetamido)pyridine 1-oxide



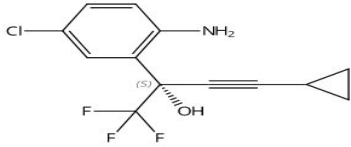
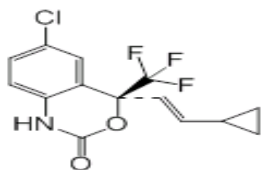
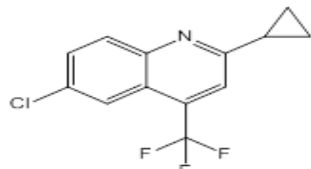
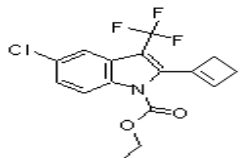
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### Efavirenz

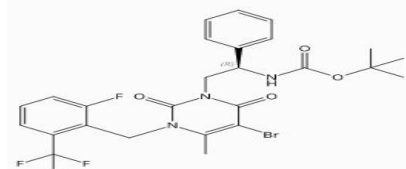
ACI 051211 **Efavirenz Impurity:** (S)-6-Chloro-4-[(2-methylcyclopropyl)ethynyl]-4-(trifluoromethyl)-2H-3,1-benzoxazin-2-one



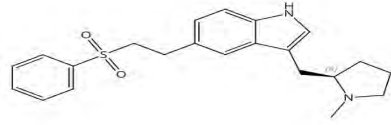
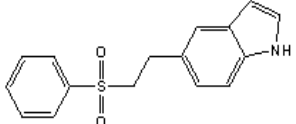
353270-76-5

Code	Product Name	Structure	CAS No.
ACI 051214	<b>Efavirenz Impurity:</b> (S)-2-(2-Amino-5-Chlorophenyl)-4-cyclopropyl-1,1,1-trifluorobut-3-yn-2-ol		209414-27-7
ACI 051215	<b>Efavirenz Impurity:</b> (4S)-6-Chloro-4-(1E)-2-cyclopropylethenyl-1,4-dihydro-4-(trifluoromethyl)-2H-3,1-Benzoxazin-2-one		440124-96-9
ACI 051216	<b>Efavirenz Impurity:</b> 6-chloro-2-cyclopropyl-4-(trifluoromethyl)quinoline		391860-73-4
ACI 051217	<b>Efavirenz Cyclobutenylindole Impurity:</b> 1H-Indole-1-carboxylic acid, 5-chloro-2-(1-cyclobuten-1-yl)-3-(trifluoromethyl)-, ethyl ester		2177283-35-9

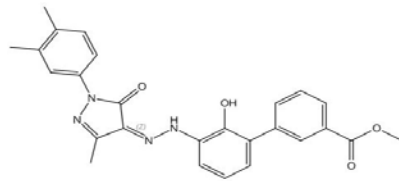
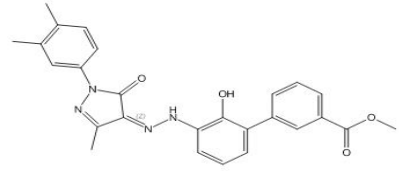
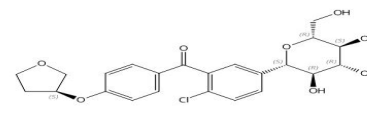
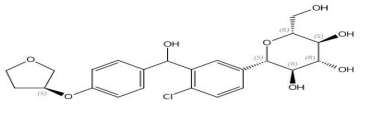
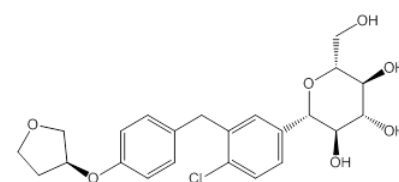
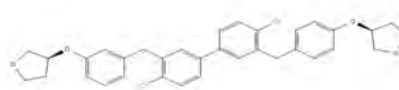
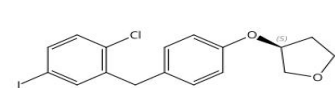
## Elagolix

ACI 054922	<b>Elagolix Impurity:</b> N-[(1R)-2-[5-Bromo-3-[[2-fluoro-6-(trifluoromethyl)phenyl]methyl]-3,6-dihydro-4-methyl-2,6-dioxo-1(2H)-pyrimidinyl]-1-phenylethyl]-carbamic Acid 1,1-Dimethylethyl Ester		830346-49-1
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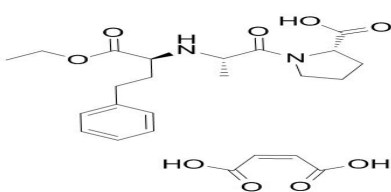
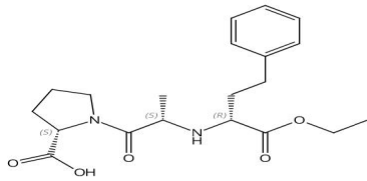
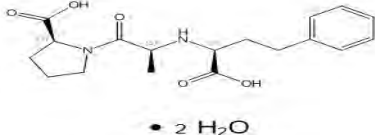
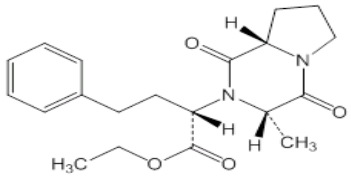
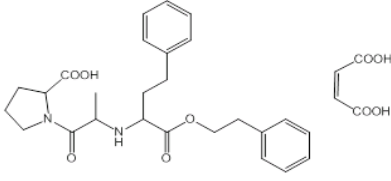
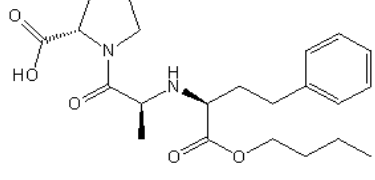
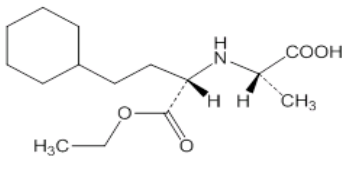
## Eletriptan

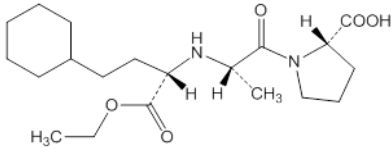
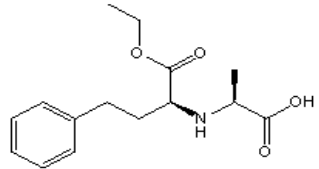
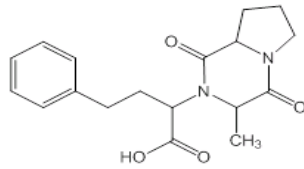
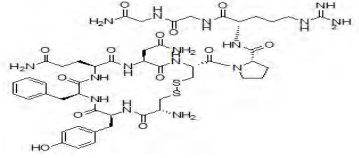
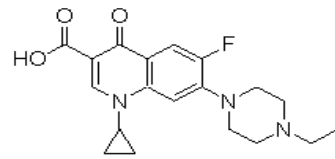
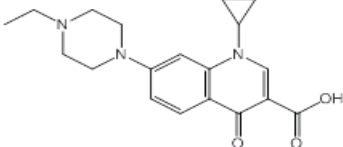
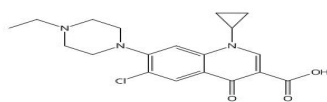
ACI 051700	<b>Eletriptan as Hydrobromide monohydrate:</b> 3-[[[(2R)-1-methyl-2-pyrrolidinyl]methyl]-5-[2-(phenylsulfonyl)ethyl]-1H-Indolehydrobromide hydrate (1:1:1)	 • HBr	273211-28-2
ACI 051704	<b>Eletriptan Impurity:</b> 5-(2-(Phenylsulfonyl) ethyl)-1H-indole		1225327-16-1

## Eltrombopag

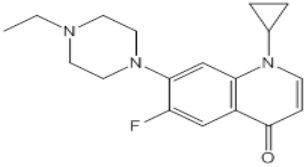
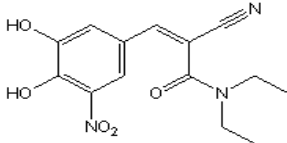
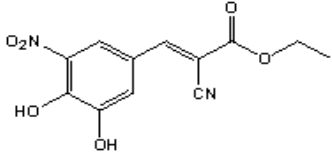
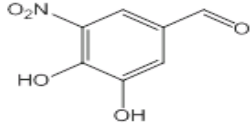
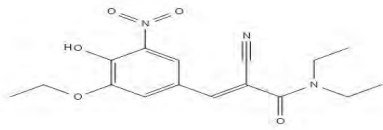
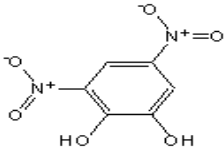
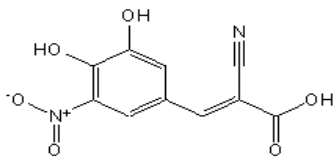
Code	Product Name	Structure	CAS No.
ACI 055611	<b>Eltrombopag Methyl Ester:</b> 3'-[(2Z)-2-[1-(3,4-Dimethylphenyl)-1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene]hydrazinyl]-2'-hydroxy-[1,1'-Biphenyl]-3-carboxylic Acid Methyl Ester		1246929-01-0
ACI 055612	<b>Eltrombopag Impurity:</b> 3'-[(2Z)-2-[1-(3,4-Dimethylphenyl)-1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene]hydrazinyl]-2'-methoxy-[1,1'-biphenyl]-3-carboxylic acid		1246929-01-0
<b>Empagliflozin</b>			
ACI 054618	<b>Empagliflozin Keto Impurity:</b> (2-Chloro-5-((2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)phenyl)(4-(((S)-tetrahydrofuran-3-yl)oxy)phenyl)methanone		2125472-55-9
ACI 054619	<b>Empagliflozin Hydroxy Impurity:</b> (2S,3R,4R,5S,6R)-2-(4-chloro-3-(hydroxy(4-(((S)-tetrahydrofuran-3-yl)oxy)phenyl)methyl)phenyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol		2137418-13-2
ACI 054600	<b>Empagliflozin:</b> (1S)-1,5-anhydro-1-C-[4-chloro-3-[[4-[[[(3S)-tetrahydro-3-furanyl]oxy] phenyl]methyl]- phenyl]-D-Glucitol		864070-44-0
ACI 054614	<b>Empagliflozin impurity:</b> 3-[(E)-2-phenylethenyl]thiazolidin-2-imine hydrochloride		2452301-31-2
ACI-054617	<b>Empagliflozin impurity:</b> (3S)-3-(4-(2-Chloro-5-Iodobenzyl)Phenoxy) Tetrahydrofuran		915095-94-2

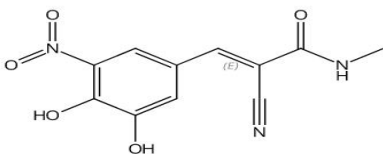
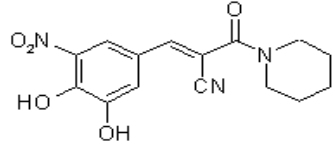
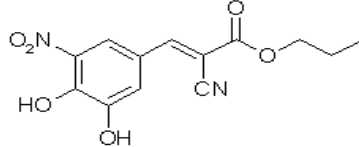
## Enalapril

Code	Product Name	Structure	CAS No.
ACI 052700	<b>Enalapril Maleate:</b> ((S)-1-Ethoxy-1-oxo-4-phenylbutan-2-yl)-L-alanyl-L-proline compound with maleic acid (1:1)		76095-16-4
ACI 052701	<b>Enalapril maleate Imp. A (EP):</b> (2S)-1-[(2S)-2-[[[(1R)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]propanoyl]pyrrolidine-2-carboxylic acid		76420-74-1
ACI 052703	<b>Enalapril maleate Imp. C (EP):</b> (2S)-1-[(2S)-2-[[[(1S)-1-carboxy-3-phenylpropyl]amino]propanoyl]pyrrolidine-2-carboxylic acid		84680-54-6
ACI 052704	<b>Enalapril maleate Imp. D (EP):</b> Ethyl (2S)-2-[(3S,8aS)-3-methyl-1,4-dioxo-octahydropyrrolo[1,2-a]pyrazin-2-yl]-4-phenylbutanoate (Enalapril Diketopiperazine)		115729-52-7
ACI 052705	<b>Enalapril maleate Imp. E (EP) as Maleate salt:</b> (2S)-1-[(2S)-2-[[[(1S)-3-Cyclohexyl-1-(ethoxycarbonyl)propyl]amino]propanoyl]pyrrolidine-2-carboxylic acid maleate salt		NA
ACI 052706	<b>Enalapril maleate Imp. F (EP):</b> (2S)-1-[(2S)-2-[[[(1S)-1-(Butoxycarbonyl)-3-phenylpropyl]amino]propanoyl]pyrrolidine-2-carboxylic acid		76420-77-4
ACI 052707	<b>Enalapril maleate Imp. G (EP):</b> (2S)-2-(1S)-3-cyclohexyl-1-(ethoxycarbonyl)propylamino propanoic acid		460720-14-3

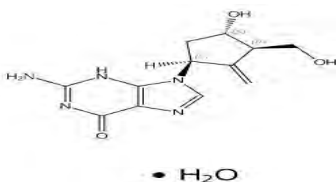
Code	Product Name	Structure	CAS No.
ACI 052708	<b>Enalapril maleate Imp. H (EP):</b> (2S)-1-(2S)-2-(1S)-3-cyclohexyl-1-(ethoxycarbonyl)propyl aminopropanoyl pyrrolidine-2-carboxylic acid		NA
ACI 180106	<b>Enalapril maleate Imp. B (EP):</b> (2S)-2-(1S)-1-(ethoxycarbonyl)-3-phenylpropyl amino propanoic acid		82717-96-2
<b>Enalaprilat</b>			
ACI 052807	<b>Enalaprilat Imp. G(EP):</b> (2SR)-2-(3SR,8aRS)-3-methyl-1,4-dioxohexahydrodropyrrolo[1,2-a]pyrazin-2(1H)-yl-4-phenylbutanoic acid		115623-21-7
<b>Endo-Gly9a</b>			
ACI 221812	<b>Endo-Gly9a Vasopressin:</b> H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-Gly-NH <sub>2</sub> Disulfide bridge		NA
<b>Enrofloxacin</b>			
ACI 052000	<b>Enrofloxacin:</b> 1-Cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid		93106-60-6
ACI 052003	<b>Enrofloxacin Imp. C (EP):</b> 1-cyclopropyl-7-(4-ethylpiperazin-1-yl)-4-oxo-1,4-dihydro quinoline -3-carboxylic acid		138892-82-7
ACI 052005	<b>Enrofloxacin Imp. E (EP) as Hydrochloride salt:</b> 6-chloro-1-cyclopropyl-7-(4-ethylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid Hydrochloride (Chloro impurity analog)		1369495-59-9



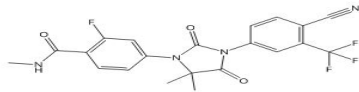
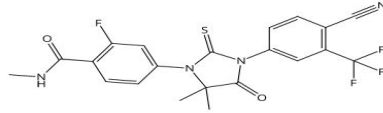
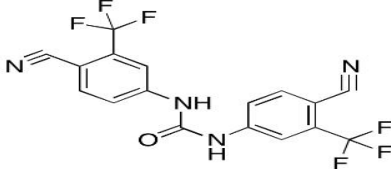
Code	Product Name	Structure	CAS No.
ACI 052006	<b>Enrofloxacin Imp. F (EP):</b> 1-cyclopropyl-7-(4-ethylpiperazin-1-yl)-6-fluoroquinolin-4(1H)-one (Decarboxylated Compound)		131775-99-0
<b>Entacapone</b>			
ACI 051001	<b>Entacapone Imp A (EP):</b> (2Z)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-diethylprop-2-enamide		145195-63-7
ACI 051002	<b>Entacapone Imp B (EP):</b> Ethyl (2E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)prop-2-enoate		1215039-66-9
ACI 051003	<b>Entacapone Imp C (EP):</b> 3,4-dihydroxy-5-nitrobenzaldehyde		116313-85-0
ACI 051004	<b>Entacapone Imp D (EP):</b> (2E)-2-cyano-3-(3-ethoxy-4-hydroxy-5-nitrophenyl)-N,N-diethylprop-2-enamide		857629-79-9
ACI 051005	<b>Entacapone Imp E (EP):</b> 3,5-Dinitrobenzene-1,2-diol		7659-29-2
ACI 051006	<b>Entacapone Imp F (EP):</b> (2E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)prop-2-enoic acid		160391-70-8

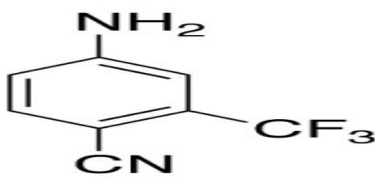
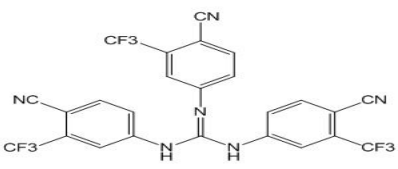
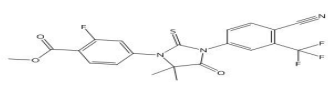
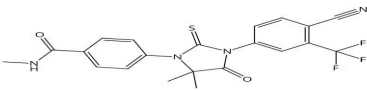
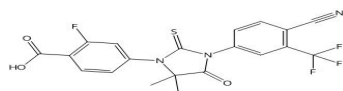
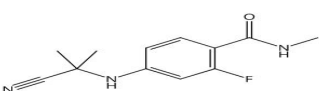
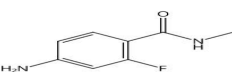
Code	Product Name	Structure	CAS No.
ACI 051007	<b>Entacapone Imp G (EP):</b> (2E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N-methylprop-2-enamide		1364322-41-7
ACI 051008	<b>Entacapone Imp H (EP):</b> (2E)-3-(3,4-dihydroxy-5-nitrophenyl)-2-(piperidin-1-ylcarbonyl)prop-2-enitrile		1150310-15-8
ACI 051009	<b>Entacapone Imp I (EP):</b> Propyl (2E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)prop-2-enoate		1364322-42-8

## Entecavir

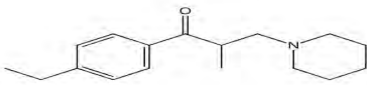
ACI 050400	<b>Entecavir monohydrate:</b> 2-Amino-1,9-dihydro-9-(1S,3R,4S)-4-hydroxy-3-(hydroxymethyl)-2-methylenecyclopentyl-6H-purin-6-one hydrate		209216-23-9
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## Enzalutamide

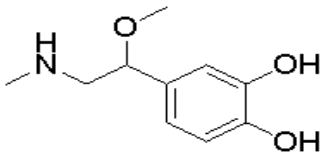
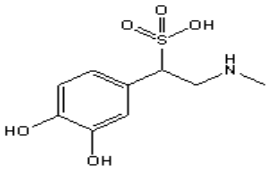
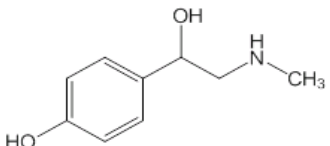
053717	<b>Enzalutamide diketo impurity:</b> 4-[3-[4-Cyano-3-(trifluoromethyl)phenyl]-5,5-dimethyl-2-imidazolidinyl]-2-fluoro-N-methylbenzamide		1242137-18-3
ACI 053700	<b>Enzalutamide:</b> 4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1-yl)-2-fluoro-N-methylbenzamide		915087-33-1
ACI 053711	<b>Enzalutamide impurity:</b> 1,3-bis(4-cyano-3-(trifluoromethyl)phenyl)urea		1895865-11-8

Code	Product Name	Structure	CAS No.
ACI 053713	<b>Enzalutamide impurity</b> : 4-Amino-2-(trifluoromethyl)benzonitrile		654-70-6
ACI 053714	<b>Enzalutamide impurity</b> : 1,2,3-tris(4-cyano-3-(trifluoromethyl)phenyl)guanidine		NA
ACI 053715	<b>Enzalutamide impurity</b> : methyl 4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1-yl) -2-fluorobenzoate		1802242-43-8
ACI 053716	<b>Enzalutamide Desfluro Impurity</b> : 4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1-yl)-N-methylbenzamide		915087-16-0
ACI 053718	<b>Enzalutamide impurity</b> : 4-[3-[4-Cyano-3-(trifluoromethyl)phenyl]-5,5-dimethyl-4-oxo-2-thioxo-1-imidazolidinyl]-2-fluoro-benzoic Acid (Enzalutamide Carboxylic Acid)		1242137-15-0
ACI 053719	<b>Enzalutamide impurity</b> : 4-(2-Cyanopropan-2-ylamino)-2-fluoro-N-methylbenzamide		915087-32-0
ACI 053720	<b>Enzalutamide impurity</b> : 4-Amino-2-fluoro-N-methylbenzamide		915087-25-1

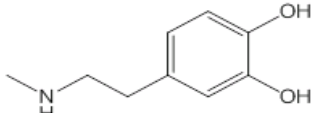
Eperisone

Code	Product Name	Structure	CAS No.
ACI 056100	<b>Eperisone hydrochloride:</b> 4'-Ethyl-2-methyl-3-piperidinopropiophenone hydrochloride	 • HCl	56839-43-1

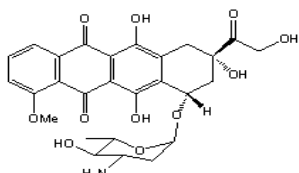
## Epinephrine

ACI 051304	<b>Epinephrine Impurity:</b> 4-[1-Methoxy-2-(methylamino)ethyl]-1,2-benzenediol		2647-02-6
ACI 051301	<b>Epinephrine Impurity:</b> Epinephrine sulfonic acid		26405-77-6
ACI 051302	<b>Epinephrine Impurity:</b> [1-(4-Hydroxyphenyl)-2-(methylamino) ethanol] (Oxedrine or Synephrine)		94-07-5

## Epinine

ACI 051303	<b>Epinine:</b> 1-(3,4-Dihydroxyphenyl)-2-methylaminoethane		501-15-5
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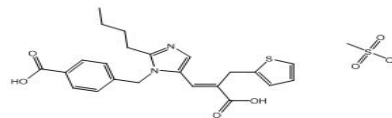
## Epirubicin

ACI 053000	<b>Epirubicin hydrochloride:</b> (8S,10S)-10-[(3-Amino-2,3,6-trideoxy- $\alpha$ -l-arabino-hexopyranosyl)oxy]-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione hydrochloride.	 × HCl	56390-09-1
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## Eprosartan

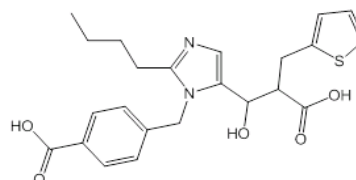
Code	Product Name	Structure	CAS No.
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ACI 053900 **Eprosartan Mesylate:** (E)- $\alpha$ -[2-Butyl-1-[(4-carboxyphenyl)methyl]-1H-imidazol-5-yl]methylene]-2-thiophenepropanoic Acid Methanesulfonate



144143-96-4

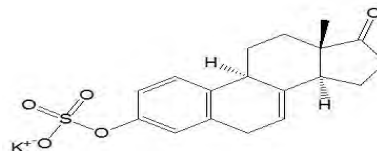
ACI 053911 **Eprosartan Mesylate Impurity:** 4-((2-Butyl-5-[2-carboxy-1-hydroxy-3-(thiophen-2-yl)propyl]-1H-imidazol-1-yl)methyl)benzoic acid. Butyl-5-[2-carboxy-1-hydroxy-3-(thiophen-2-yl)propyl]-1H-imidazol-1-yl)methyl)benzoic acid (Hydroxy Eprosartan)



NA

## Equilin

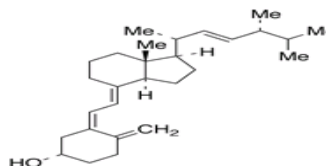
ACI 053200 **Equilin sulphate:** 3-(sulfoxy)estra-1,3,5(10),7-tetraen-17-one potassium



NA

## Ergocalciferol

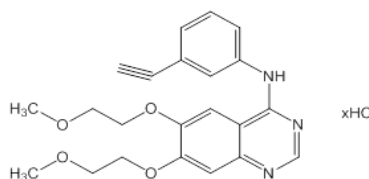
ACI 050900 **Ergocalciferol:** (3 $\beta$ ,5Z,7E,22E)-9,10-Secoergosta-5,7,10(19),22-tetraen-3-ol



50-14-6

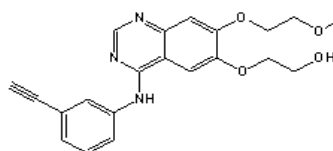
## Erlotinib

ACI 050500 **Erlotinib hydrochloride:** N-(3-ethynylphenyl)-6,7-bis(2-methoxyethoxy)-4-quinazolinamine hydrochloride



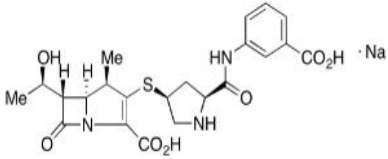
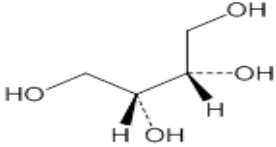
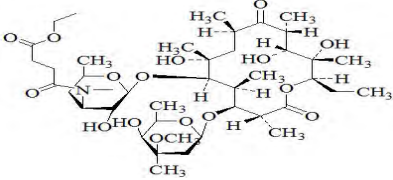
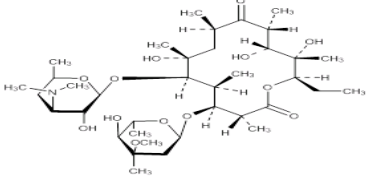
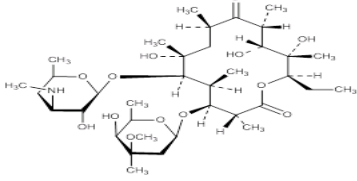
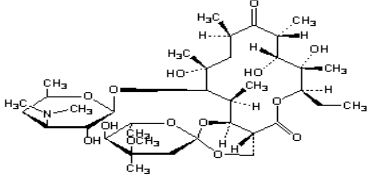
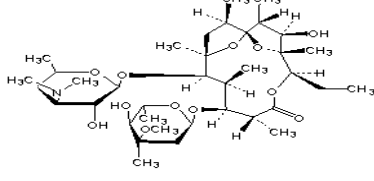
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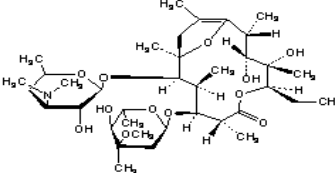
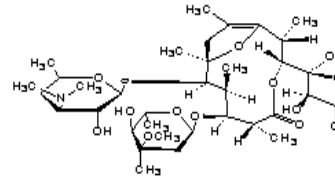
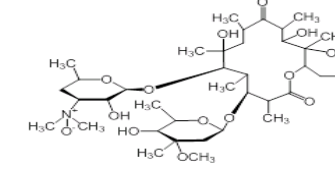
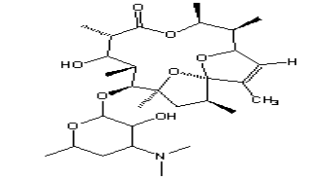
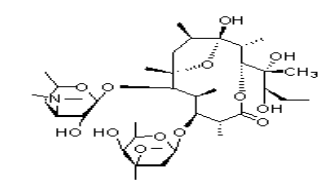
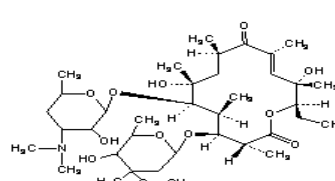
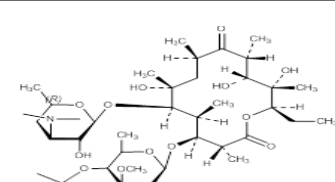
ACI 050501 **Erlotinib Impurity:** 2-4-(3-ethynylphenyl)amino-7-(2-methoxyethoxy)-6-quinazolinolxyethanol

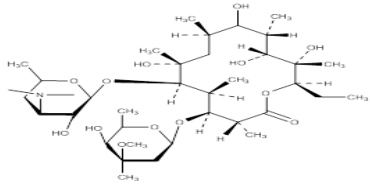
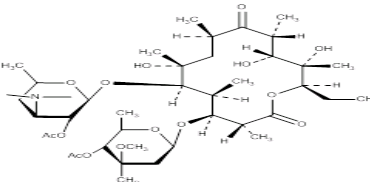
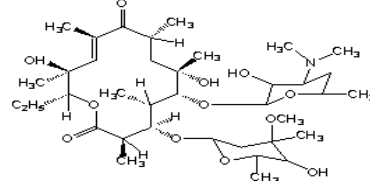
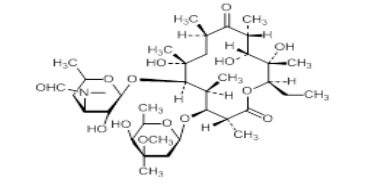
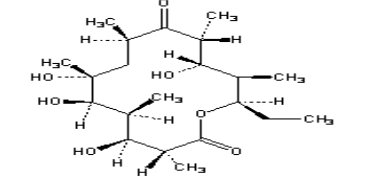
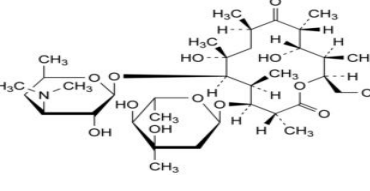
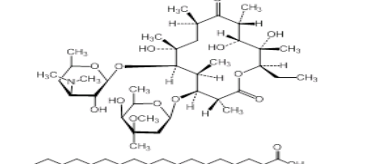


183321-86-0

## Ertapenem

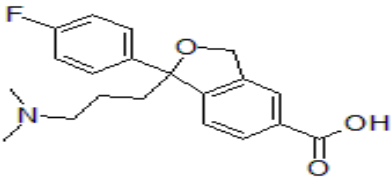
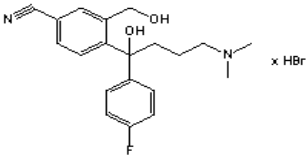
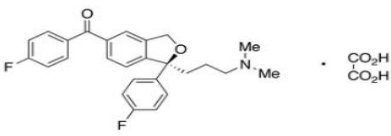
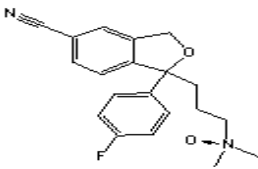
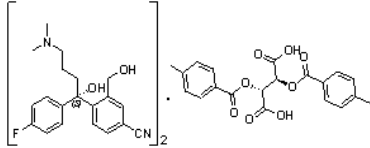
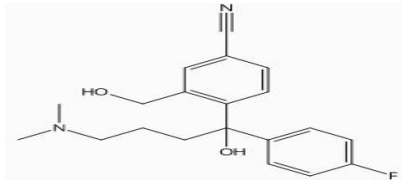
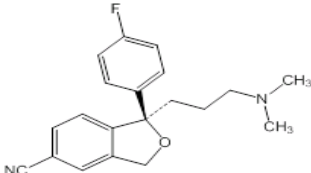
Code	Product Name	Structure	CAS No.
ACI 055700	<b>Ertapenem sodium</b> : (4R,5S,6S)-3-[[[(3S,5S)-5-[[[3-Carboxyphenyl]amino]carbonyl]-3-pyrrolidiny]thio]-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic Acid Monosodium Salt		153773-82-1
<b>Erythritol</b>			
ACI 051900	<b>Erythritol (EP)</b> : 2R,3S)-Butane-1,2,3,4-tetrol (meso-erythritol)		149-32-6
<b>Erythromycin</b>			
ACI 053507	<b>Erythromycin ethylsuccinate Imp. G(EP)</b> : (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[[3,4,6-trideoxy-3-[(4-ethoxy-4-oxobutanoyl)methylamino]- $\beta$ -D-xylo-hexopyranosyl]oxy] oxacyclotetradecane-2,10-dione		NA
ACI 052300	<b>Erythromycin</b> : (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[[3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy] oxacyclotetradecane-2,10-dione (erythromycin A).		114-07-8
ACI 052302	<b>Erythromycin Imp. B (EP)</b> : (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[[3,4,6-trideoxy-3-(methylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione		992-62-1
ACI 052303	<b>Erythromycin Imp. C (EP)</b> : (2S,4aR,4'R,5'S,6'S,7R,8S,9R,10R,12R,14R,15R,16S)-7-ethyl-5',8,9,14-tetrahydroxy-4'-methoxy-4',6',8,10,12,14,16-heptamethyl-15-3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyloxyhexadecahydrospiro5H,11H-1,3-dioxino5,4-coxacyclotetradecin-2,2'-pyrane-5,11-dione (erythromycin E)		41451-91-6
ACI 052304	<b>Erythromycin Imp. D (EP)</b> : (1S,2R,3R,4S,5R,8R,9S,10S,11R,12R,14R)-9-(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy-5-ethyl-3-hydroxy-2,4,8,10,12,14-hexamethyl-11-3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyloxy-6,15,16-trioxatricyclo[10.2.1.11,4]hexadecan-7-one (anhydroerythromycin A)		23893-13-2

Code	Product Name	Structure	CAS No.
ACI 052305	<b>Erythromycin Imp. E (EP):</b> (2R,3R,4S,5R,8R,9S,10S,11R,12R)-9-(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy-5-ethyl-3,4-dihydroxy-2,4,8,10,12,14-hexamethyl-11-3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyloxy-6,15-dioxabicyclo[10.2.1]pentadec-1(14)-en-7-one		33396-29-1
ACI 052306	<b>Erythromycin Imp. F (EP):</b> (2R,3R,6R,7S,8S,9R,10R)-7-(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy-3-(1R,2R)-1,2-dihydroxy-1-methylbutyl-2,6,8,10,12-pentamethyl-9-3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyloxy-4,13-dioxabicyclo[8.2.1]tridec-1(12)-en-5-one		105882-69-7
ACI 052308	<b>Erythromycin Imp. H (EP):</b> (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione N-oxide		992-65-4
ACI 052309	<b>Erythromycin Imp. I (EP):</b> (1S,4S,5R,8R,9S,10S,11R,12R,14R)-5-ethyl-9-hydroxy-2,4,8,10,12,14-hexamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy]-6,15,16-trioxatricyclo[10.2.1.11,4]hexadec-2-en-7-one (Erythralosamine),		546-57-6
ACI 052310	<b>Erythromycin Imp. J (EP):</b> (1R,2R,3R,6R,7S,8S,9R,10R,12R)-7-[(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-3-[(1R,2R)-1,2-dihydroxy-1-methylbutyl]-1-hydroxy-2,6,8,10,12-pentamethyl-9-[[3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy]-4,13-dioxabicyclo[8.2.1]tridecan-5-one (Pseudoerythromycin A Hemiketal)		105900-46-7
ACI 052311	<b>Erythromycin Impurity:</b> 8-epi-10,11-Anhydroerythromycin-A		40554-80-1
ACI 052312	<b>Erythromycin Impurity:</b> 4'-Acetylerythromycin-A		23893-07-4

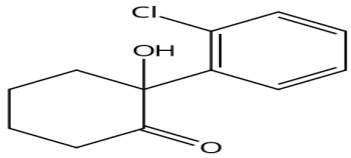
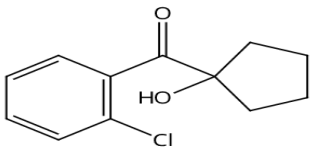
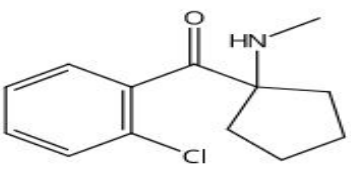
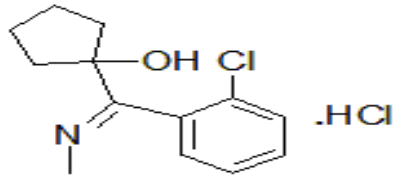
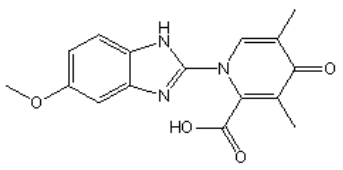
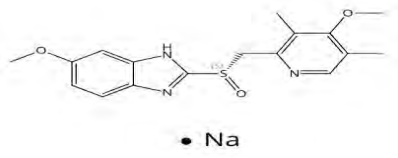
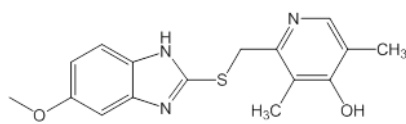
Code	Product Name	Structure	CAS No.
ACI 052313	<b>Erythromycin Impurity: Dihydroerythromycin-A</b>		13200-64-1
ACI 052314	<b>Erythromycin Impurity: 2',4'-Diacetyl erythromycin-A</b>		23920-99-2
ACI 052315	<b>Erythromycin Impurity: 10,11-Anhydroerythromycin</b>		40554-78-7
ACI 052317	<b>Erythromycin Impurity L (EP):</b> (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(formylmethylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione		127955-44-6
ACI 052319	<b>Erythromycin Imp.N (EP):</b> (3R,4S,5S,6R,7R,9R,11R,12S,13R,14R)-14-ethyl-4,6,7,12-tetrahydroxy-3,5,7,9,11,13-hexamethyl-oxacyclotetradecane-2,10-dione (Erythronolide B).		3225-82-9
ACI 052320	<b>Erythromycin Imp. K (EP):</b> (3R,4S,5S,6R,7R,9R,11R,12S,13R,14R)-4-[(2,6-dideoxy-3-C-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12-dihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyl]oxy]-1-oxacyclotetradecane-2,10-dione (erythromycin D)		33442-56-7
ACI WS-053100	<b>Erythromycin stearate:</b> (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-3,4,6-trideoxy-3-(dimethylamino)- $\beta$ -D-xylo-hexopyranosyloxyoxacyclotetradecane-2,10-dione octadecanoate		643-22-1

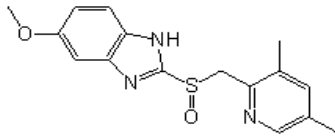
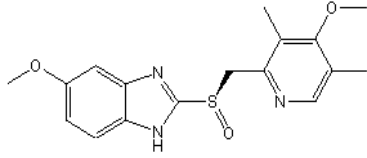
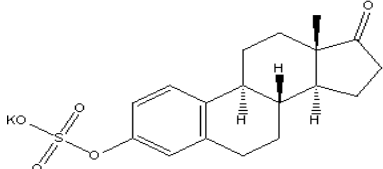
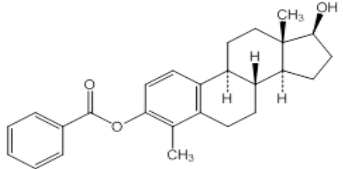
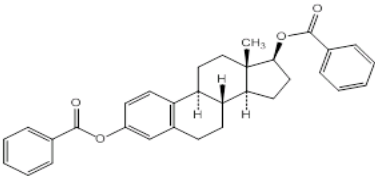
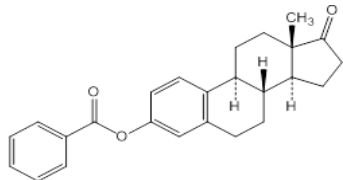
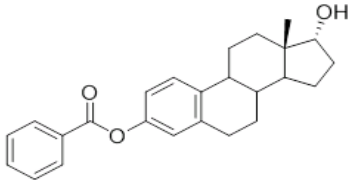
## Escitalopram

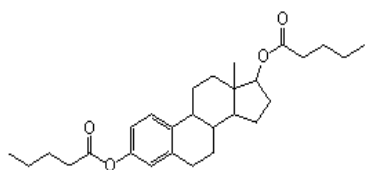


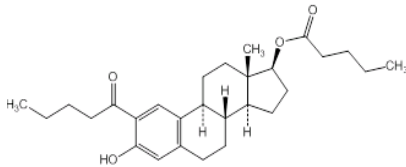
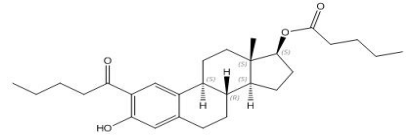
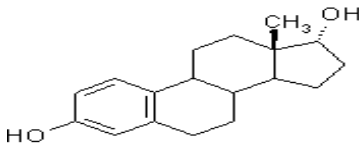
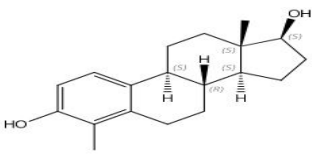
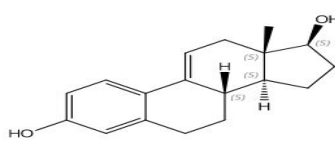
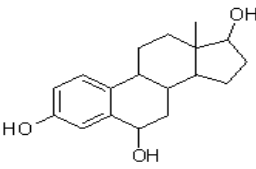
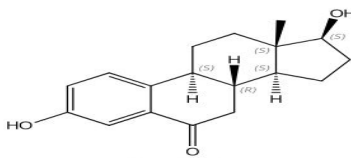
Code	Product Name	Structure	CAS No.
ACI 054813	<b>Escitalopram Imp. M (EP):</b> (1R)-1-[3-(Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarboxylic Acid		440121-09-5
ACI 050802	<b>Escitalopram Impurity as hydrobromide:</b> 4-[4-(Dimethylamino)-1-(4-fluorophenyl)-1-hydroxybutyl]-3-(hydroxymethyl)benzonitrile hydrobromide		103146-26-5
ACI 050805	<b>Escitalopram Impurity as oxalate:</b> (1S)-1-3-(dimethylamino)propyl-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofuranyl(4-fluorophenyl)methanone oxalate		1217846-85-9
ACI 050810	<b>Escitalopram Impurity:</b> (1S)-1-3-(dimethyloxidoamino)propyl-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarboxonitrile		917482-45-2
ACI 050811	<b>Escitalopram Impurity:</b> (S)-4-[4-dimethylamino-1-(4-fluorophenyl)-1-hydroxy-1-butyl]-3-hydroxymethylbenzonitrile hemi(+)-di-toluoyltartrate		128173-53-5
ACI 050814	<b>Escitalopram Open Ring :</b> 4-[4-(Dimethylamino)-1-(4-fluorophenyl)-1-hydroxybutyl]-3-(hydroxymethyl)benzonitrile		103146-25-4
ACI 050821	<b>Escitalopram Imp. K (EP):</b> (1R)-1-[3-Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-2-benzofuran-5-carbonitrile		n/a

## Escetamine

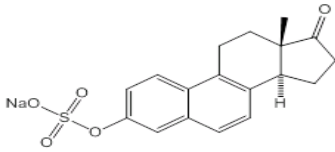
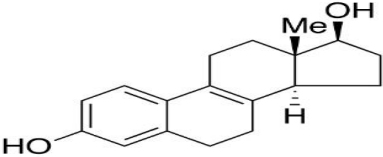
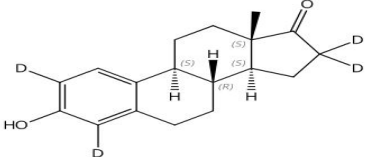
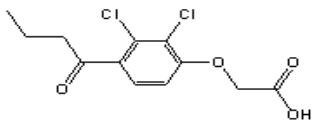
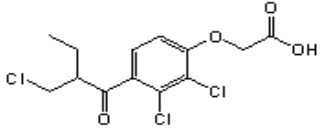
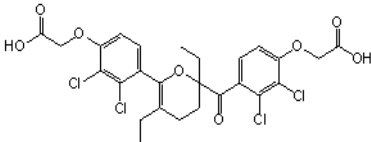
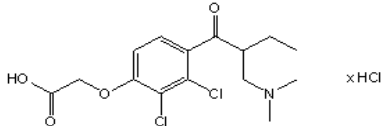
Code	Product Name	Structure	CAS No.
ACI 055502	<b>Esketamine hydrochloride Imp.B(EP)</b> : (2RS)-2-(2-chlorophenyl)-2-hydroxycyclohexanone		823362-29-3
ACI 055503	<b>Esketamine hydrochloride Imp.C(EP)</b> : (2-chlorophenyl)(1-hydroxycyclopentyl)methanone		90717-17-2
ACI 055511	<b>Esketamine hydrochloride Impurity:</b> (2-chlorophenyl)[1-(methylamino)cyclopentyl]-Methanone hydrochloride		878517-17-9
ACI-055501	<b>Esketamine hydrochloride Imp.A(EP) as HCl salt:</b> 1-[(2-chlorophenyl)(methylimino)methyl]cyclopentanol hydrochloride		90717-16-1
<b>Esomeprazole</b>			
ACI 050611	<b>Esomeprazole magnesium trihydrate Impurity:</b> Esomeprazole Monoacid impurity: (6-(6-methoxy-1H-benzimidazol-2-yl)-2,4-dimethyl-3-oxocyclohexa-1,4-dienecarboxylic acid)		1227380-90-6
ACI 050613	<b>Esomeprazole Sodium:</b> 1H-Benzimidazole, 6-methoxy-2-[(S)-[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-, sodium salt (1:1)		161796-78-7
ACI 050614	<b>Esomeprazole Magnesium Trihydrate:</b> 2-(5-Methoxy-1H-benzimidazol-2-yl)sulfanylmethyl)-3,5-dimethyl-pyridin-4-ol		103876-98-8

Code	Product Name	Structure	CAS No.
ACI 150202	<b>Esomeprazole magnesium trihydrate Imp. B (EP):</b> 2-[(RS)-[(3,5-dimethylpyridin-2-yl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole		110374-16-8
ACI 150606	<b>Esomeprazole magnesium trihydrate Imp. F (EP):</b> 5-methoxy-2-[(R)-[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulfinyl]-1H-benzimidazole		119141-89-8
<b>Estorne</b>			
ACI 053300	<b>Estorne sulphate as potassium salt:</b> 1,3,5(10)-estratrien-17-one 3-(sulfoxy)-potassium		1240-04-6
<b>Estradiol</b>			
ACI 053602	<b>Estradiol benzoate Imp B (EP):</b> 17β-hydroxy-4-methylestra-1,3,5(10)-trien-3-yl benzoate		NA
ACI 053603	<b>Estradiol benzoate Imp C (EP):</b> estra-1,3,5(10)-triene-3,17β-diyl dibenzoate		4147-13-1
ACI 053604	<b>Estradiol benzoate Imp G (EP):</b> 17-oxoestra-1,3,5(10)-trien-3-yl benzoate (estrone benzoate)		2393-53-5
ACI 053605	<b>Estradiol benzoate Imp E (EP):</b> 17α-hydroxyestra-1,3,5(10)-trien-3-yl benzoate		6045-53-0

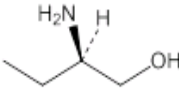
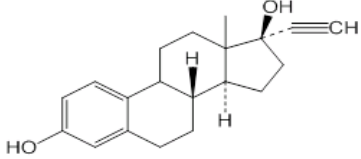
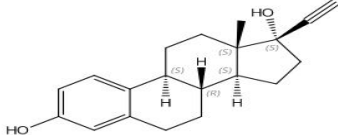
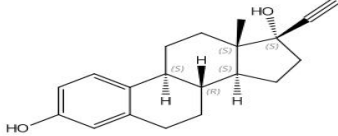
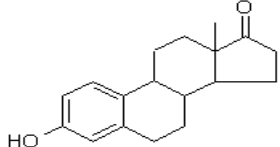
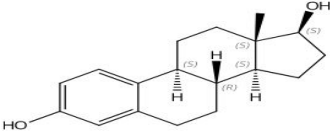
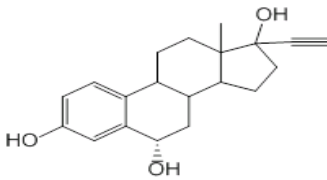
Code	Product Name	Structure	CAS No.
ACI 050700	<b>Estradiol valerate:</b> 3-Hydroxyestra-1,3,5(10)-trien-17 $\beta$ -yl pentanoate		979-32-8
ACI 050702	<b>Estradiol valerate Imp. B (EP):</b> 17 -Hydroxyestra-1,3,5(10)-trien-3-yl Pentanoate(Estradiol 3-Valerate)		21881-45-8
ACI 050703	<b>Estradiol valerate Imp. C (EP):</b> 3-hydroxyestra-1,3,5(10),9(11)-tetraen-17 $\beta$ -yl pentanoate		95959-20-9
ACI 050704	<b>Estradiol valerate Imp. D (EP):</b> 3-hydroxy-4-methylestra-1,3,5(10)-trien-17 $\beta$ -yl pentanoate		1359847-37-2
ACI 050705	<b>Estradiol valerate Imp. E (EP):</b> Estra-1,3,5(10)-trien-3,17 $\beta$ -diyl dipentanoate		63042-28-4
ACI 050706	<b>Estradiol valerate Imp. F (EP):</b> 3-hydroxyestra-1,3,5(10)-trien-17 $\beta$ -yl butanoate		18069-79-9
ACI 050707	<b>Estradiol valerate Imp. G (EP):</b> 3-hydroxyestra-1,3,5(10)-trien-17 $\beta$ -yl butanoate		1313382-25-0

Code	Product Name	Structure	CAS No.
ACI 050708	<b>Estradiol valerate Imp. H(EP):</b> (17 $\beta$ )-2-Valerylestra-1,3,5(10)-triene-1,17-diol 17-Pentanoate		1421283-56-8
ACI 050710	<b>Estradiol valerate Impurity:</b> (17 $\beta$ )-2-Valerylestra-1,3,5(10)-triene-1,17-diol 17-Pentanoate		1421283-56-8
ACI 050202	<b>Estradiol hemihydrate Imp. B (EP):</b> Estra-1,3,5(10)-triene-3,17a-diol		57-91-0
ACI 050203	<b>Estradiol hemihydrate Imp. C (EP):</b> 4-Methylestra-1,3,5(10)-triene-3,17 $\beta$ -diol		6171-48-8
ACI 050204	<b>Estradiol hemihydrate Imp. D (EP):</b> Estra-1,3,5(10),9(11)-tetraene-3,17 $\beta$ -diol		791-69-5
ACI 050209	<b>Estradiol hemihydrate Impurity:</b> Estra-1,3,5(10)-triene-3,6,17-triol		2282-50-0
ACI 050210	<b>Estradiol hemihydrate Impurity:</b> (17 $\beta$ )-3,17-Dihydroxyestra-1,3,5(10)-trien-6-one		571-92-6

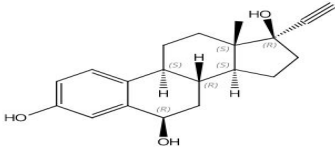
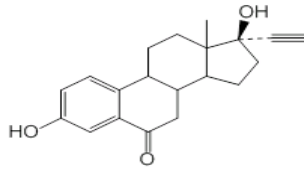
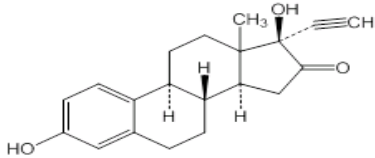
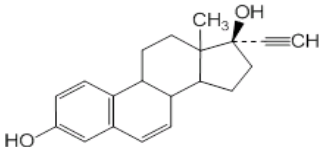
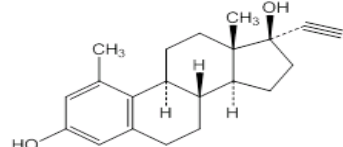
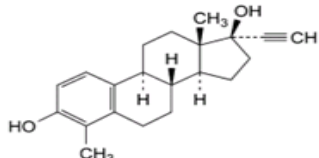
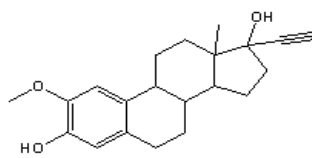
Code	Product Name	Structure	CAS No.
ACI 050212	<b>Estradiol hemihydrate Impurity: 2-Methyl Estradiol</b>		1818-12-8
ACI 050214	<b>Estradiol 6,7-Dehydro Impurity: Estra-1,3,5(10)-6-tetraen-3,17β-diol</b>		7291-41-0
<b>Estriol</b>			
ACI 052500	<b>Estriol: Estra-1,3,5(10)-triene-3,16a,17β-triol</b>		50-27-1
ACI 052505	<b>Estriol Imp. E (EP): Estra-1,3,5(10)-triene-3,16a,17a-triol (17-epi-estriol)</b>		1228-72-4
<b>Estrogens,</b>			
ACI 053203	<b>Estrogens, conjugated Imp. C (EP): 17β-hydroxyestra-1,3,5(10),7-tetraen-3-yl sodium sulfate</b>		16680-49-2
ACI 053206	<b>Estrogens, conjugated Imp. F (EP): 17β-hydroxyestra-1,3,5(10),6,8-pentaen-3-yl sodium sulfate (sodium 17β-dihydroequilenin sulfate)</b>		16680-50-5
ACI 053207	<b>Estrogens, conjugated Imp. G (EP): 3-(sulfoxy)-Estra-1,3,5(10),8-tetraen-17-one sodium salt (1:1)</b>		61612-83-7

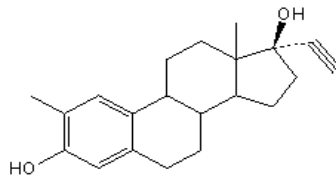
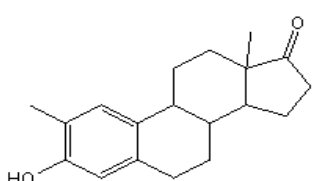
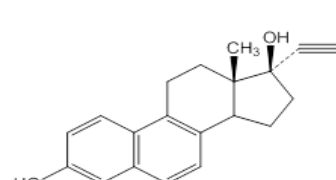
Code	Product Name	Structure	CAS No.
ACI 053208	<b>Estrogens, conjugated Imp. H (EP):</b> 17-oxoestra-1,3,5(10),6,8-pentaen-3-yl sodium sulfate (sodium equilenin sulfate)		16680-48-1
ACI 053212	<b>Estrogens, conjugated Impurity:</b> (17β)-Estra-1,3,5(10),8-tetraene-3,17-diol		23392-54-3
<b>Estrone-d4</b>			
ACI 055230	<b>Estrone-d4:</b> 3-Hydroxyestra-1,3,5(10)-trien-17-one-d4		53866-34-5
<b>Etacrynic</b>			
ACI 051801	<b>Etacrynic acid Imp. A (EP):</b> (4-Butanoyl-2,3-dichlorophenoxy)acetic acid		1217-67-0
ACI 051802	<b>Etacrynic acid Imp. B (EP):</b> 2,3-Dichloro-4-(2-chloromethyl)-butanoylphenoxyacetic Acid		27929-18-6
ACI 051803	<b>Etacrynic acid Imp. C (EP):</b> 4-2-(4-(Carboxymethoxy)-2,3-dichlorobenzoyl-2,5-diethyl-3,4-dihydro-2H-pyran-6-yl)-2,3-dichlorophenoxyacetic Acid		25355-92-4
ACI 051804	<b>Etacrynic acid Impurity as hydrochloride:</b> 2,3-dichloro-4-(2-dimethylamino methyl)butyryl phenoxy acetic acid hydrochloride		NA

**Ethambutol**

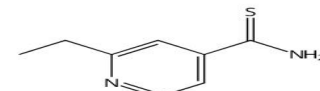
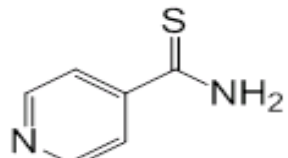
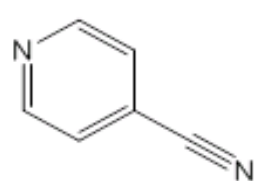
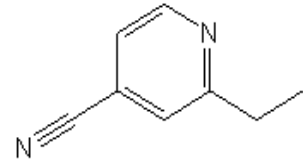
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ACI 054101	<b>Ethambutol hydrochloride Imp. A (EP):</b> 2-Aminobutan-1-ol	 and enantiomer	96-20-8
<b>Ethinylestradiol</b>			
ACI 050100	<b>Ethinylestradiol:</b> (17 $\alpha$ )-19-Norpregna-1,3,5(10)-trien-20-yne-3,17-diol		57-63-6
ACI 050101	<b>Ethinylestradiol Imp. A (EP):</b> 19-Norpregna-1,3,5(10)-trien-20-yne-3,17-diol		4717-38-8
ACI 050102	<b>Ethinylestradiol Imp. B (EP):</b> 19-Nor-17a-pregna-1,3,5(10),9(11)-tetraen-20-yne-3,17-diol		1231-96-5
ACI 050103	<b>Ethinylestradiol Imp. C (EP):</b> 3-Hydroxyestra-1,3,5(10)-trien-17-one		53-16-7
ACI 050104	<b>Ethinylestradiol Imp. D (EP):</b> Estra-1,3,5(10)-trien-3,17- $\beta$ -diol		50-28-2
ACI 050105	<b>Ethinylestradiol Imp. E (EP):</b> 19-Nor-17a-pregna-1,3,5(10)-trien-20-yne-3,6a,17-triol		27521-34-2

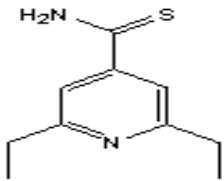
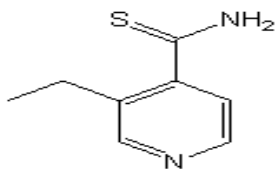
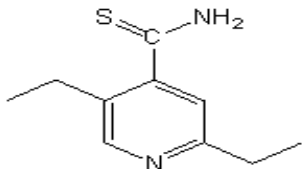
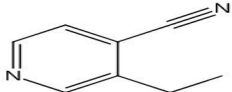
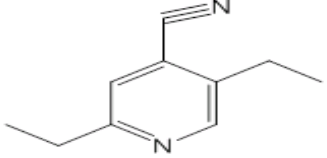
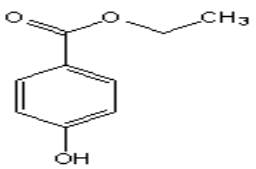
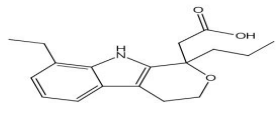


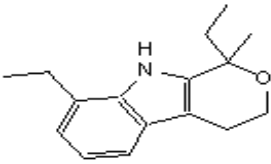
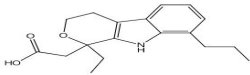
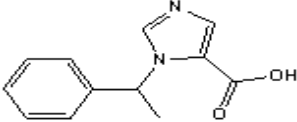
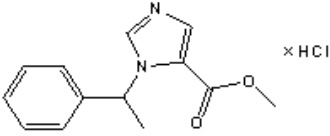
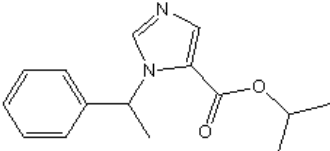
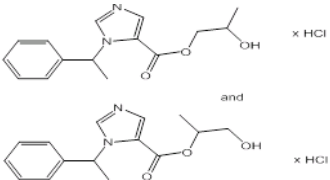
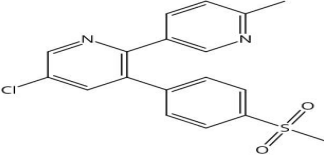
Code	Product Name	Structure	CAS No.
ACI 050106	<b>Ethinylestradiol Imp. F (EP):</b> 19-Nor-17a-pregna-1,3,5(10)-trien-20-yne-3,6 $\beta$ ,17-triol (6 $\beta$ -hydroxy-ethinylestradiol)		56324-28-8
ACI 050107	<b>Ethinylestradiol Imp. G (EP):</b> 3,17-dihydroxy-19-nor-17a-pregna-1,3,5(10)-trien-20-yn-6-one		38002-18-5
ACI 050108	<b>Ethinylestradiol Imp. H (EP):</b> 3,17-Dihydroxy-19-nor-17a-pregna-1,3,5(10)-trien-20-yn-16-one		1350468-76-6
ACI 050109	<b>Ethinylestradiol Imp. I (EP):</b> 19-Nor-17a-pregna-1,3,5(10),6-tetraen-20-yne-3,17-diol		67703-68-8
ACI 050110	<b>Ethinylestradiol Imp. J (EP):</b> 1-methyl-19-nor-17a-pregna-1,3,5(10)-trien-20-yne-3,17-diol		15071-66-6
ACI 050111	<b>Ethinylestradiol Imp. K (EP):</b> 4-Methyl-19-nor-17a-pregna-1,3,5(10)-trien-20-yne-3,17-diol		155683-61-7
ACI 050114	<b>Ethinylestradiol Impurity:</b> 2-Methoxy-19-Nor-17a-pregna-1,3,5(10)-trien-20-yne-3,17-diol		22415-44-7

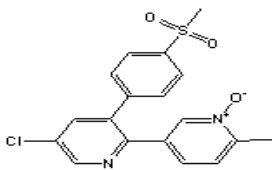
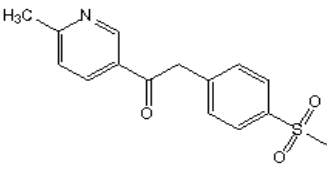
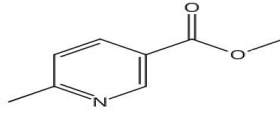
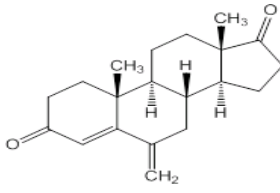
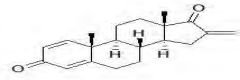
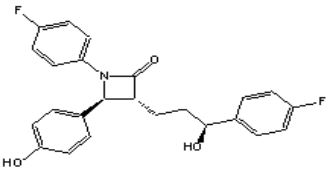
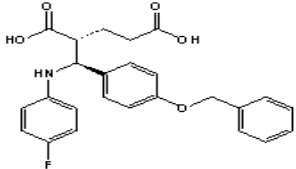
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ACI 050116	<b>Ethinylestradiol Imp M (EP):</b> 2-Methyl Ethinylestradiol		3240-39-9
ACI 050118	<b>Ethinylestradiol Impurity:</b> 2-Methyl Estrone		2626-12-2
ACI 050119	<b>Ethinylestradiol Impurity:</b> Ethynylestra-1,3,5(10),6,8-pentene-3,17-diol		1357266-17-1

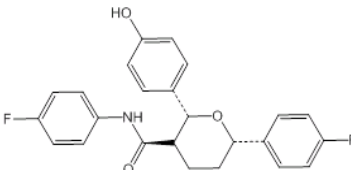
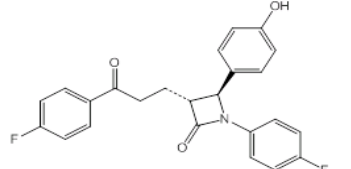
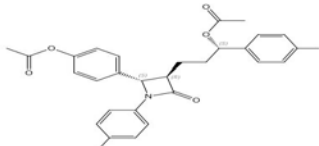
## Ethionamide

ACI 053400	<b>Ethionamide:</b> 2-Ethylpyridine-4-carbothioamide		536-33-4
ACI 053401	<b>Ethionamide Imp. A (EP):</b> 4-Thioisonicotinamide		2196-13-6
ACI 053402	<b>Ethionamide Imp. B (EP):</b> pyridine-4-carbonitrile		100-48-1
ACI 053404	<b>Ethionamide Imp. D (EP):</b> 2-Ethyl-4-Cyanopyridine		1531-18-6

Code	Product Name	Structure	CAS No.
ACI 053405	<b>Ethionamide Imp. E (EP):</b> 2,6-diethylthioisonicotinamide		1391052-80-4
ACI 053411	<b>Ethionamide Impurity:</b> 3-Ethyl-4-thioisonicotinamide		10605-12-6
ACI 053412	<b>Ethionamide Impurity:</b> 2,5-diethyl-4-thioisonicotinamide		NA
ACI 053413	<b>Ethionamide Impurity:</b> 3-Ethyl-4-Cyanopyridine		13341-18-9
ACI 053414	<b>Ethionamide Impurity:</b> 2,5-Diethyl-4-cyanopyridine		n/a
<b>Ethyl</b>			
ACI 052600	<b>Ethyl parahydroxybenzoate(Ethyl paraben):</b> Ethyl 4-hydroxybenzoate.		120-47-8
<b>Etodolac</b>			
ACI 050307	<b>Etodolac Imp. G (EP):</b> 2-[(1RS)-8-ethyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl]acetic acid (1-propyl etodolac)		57816-83-8

Code	Product Name	Structure	CAS No.
ACI 050310	<b>Etodolac Imp. J (EP):</b> (1RS)-1,8-diethyl-1-methyl- 1,3,4,9-tetrahydropyrano3,4-bindole		115066-03-0
ACI-050305	<b>Etodolac Imp. E (EP):</b> [(1RS)-1-ethyl-8-propyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl]acetic acid		57817-27-3
<b>Etomidate</b>			
ACI 051601	<b>Etomidate Impurity:</b> 1-1-phenylethyl-1H-imidazole-5-carboxylic acid		n/a
ACI 051602	<b>Etomidate Impurity as hydrochloride:</b> Methyl 1-1-phenylethyl-1H-imidazole -5-carboxylate hydrochloride	 × HCl	35944-74-2
ACI 051603	<b>Etomidate Impurity:</b> 1-Methylethyl 1-(1RS)-1-phenylethyl-1H-imidazole-5-carboxylate		792842-51-4
ACI 051610	<b>Etomidate Impurity (propylene glycol ester as hydrochloride):</b> 2-Hydroxypropyl 1-(1-phenylethyl)-1H-imidazole-5-carboxylate hydrochloride and 2-hydroxy-1-methylethyl 1-(1-phenylethyl)-1H-imidazole-5-carboxylate hydrochloride	 × HCl and × HCl	n/a
<b>Etoricoxib</b>			
ACI 052400	<b>Etoricoxib :</b> 5-chloro-6'-methyl-3-[4-(methylsulfonyl)phenyl]-2,3'-Bipyridine		202409-33-4

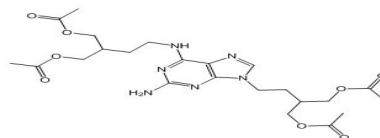
Code	Product Name	Structure	CAS No.
ACI 052411	<b>Etoricoxib Impurity:</b> 5-Chloro-6'-Methyl-3-4-(Methylsulfonyl)phenyl-2,3'-bipyridine 1'-Oxide		325855-74-1
ACI 052412	<b>Etoricoxib Impurity:</b> 1-(6-methyl-3-Pyridiny)-2-4-(methylsulfonyl)phenyl Ethanone		221615-75-4
ACI 052413	<b>Etoricoxib Impurity:</b> 6-methyl Pyridine-3-carboxylic acid methyl Ester		5470-70-2
<b>Exemestane</b>			
ACI 054011	<b>Exemestane Impurity:</b> 6-Methyleneandrost-4-ene-3,17-dione		19457-55-7
ACI 054014	<b>Exemestane USP Related Compound D :</b> 16-Methyleneandrosta-1,4-diene-3,17-dione		2467590-81-2
<b>Ezetimibe</b>			
ACI 051100	<b>Ezetimibe:</b> (3R,4S)- 1-(4-fluorophenyl)-3-(3S)-3-(4-fluorophenyl)-3-hydroxypropyl-4-(4-hydroxyphenyl)- 2-Azetidinone		163222-33-1
ACI 051111	<b>Ezetimibe Impurity:</b> (2R)-2-(S)-(4-fluorophenyl)amino-4-(phenylmethoxy)phenylmethylpentanedioic acid		1013025-04-1

Code	Product Name	Structure	CAS No.
ACI 051116	<b>Ezetimibe Impurity:</b> N,6-Bis(4-fluorophenyl)-2-(4-hydroxyphenyl)tetrahydro-2H-pyran-3-carboxamide		1296129-15-1
ACI 051117	<b>Ezetimibe Impurity:</b> (3R,4S)-1-(4-Fluorophenyl)-3-[3-(4-fluorophenyl)-3-oxopropyl]-4-(4-hydroxyphenyl)azetidin-2-one		191330-56-0
ACI-051120	<b>Ezetimibe Diacetate:</b> (3R,4S)-3-[(3S)-3-(Acetyloxy)-3-(4-fluorophenyl)propyl]-4-[4-(acetyloxy) phenyl]-1-(4-fluorophenyl)-2-azetidinone		163380-20-9

Code	Product Name	Structure	CAS No.
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### Famciclovir-6-alkylamino-impurity

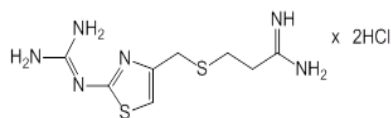
ACI 063511 **Famciclovir-6-alkylamino-impurity:** 2-(2-{6-[4-Acetoxy-3-(acetoxymethyl)butylamino]-2-amino-9H-purin-9-yl}ethyl)propane-1,3-diyl Diacetate



NA

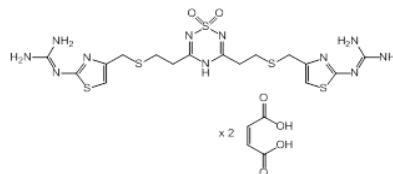
### Famotidine

ACI 060101 **Famotidine Imp. A (EP) as Dihydrochloride:** 3-[[[2-[(Diaminomethylene)aminothiazol-4-ylmethyl]sulfonyl]propanimidamide]dihydrochloride



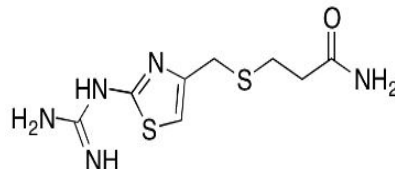
88061-72-7

ACI 060102 **Famotidine Imp. B (EP) as Dimaleate:** 3,5-Bis[2-[[[2-[(diaminomethylene)aminothiazol-4-ylmethyl]sulphonylethyl-4H-1,2,4,6-thiazotriazine 1,1-Dioxide]dimaleate



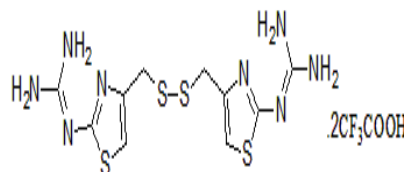
109467-08-5

ACI 060104 **Famotidine Imp. D (EP):** 3-[[[2-[(Aminoiminomethyl)amino]-4-thiazolyl]methyl]thio]propanamide



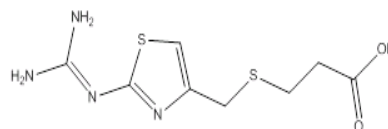
76824-16-3

ACI 060105 **Famotidine Imp. E (EP) as di trifluoroacetic acid salt:** 2,2'-[disulfanediy]bis(methylenethiazole-4,2-diy)]diguanidine di trifluoroacetic acid salt



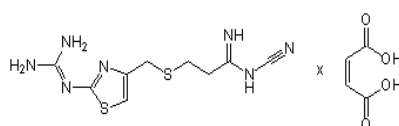
Free base 129083-44-9

ACI 060106 **Famotidine Imp. F (EP):** 3-[[[2-[(Diaminomethylene)aminothiazol-4-ylmethyl]sulfonyl]propanoic Acid



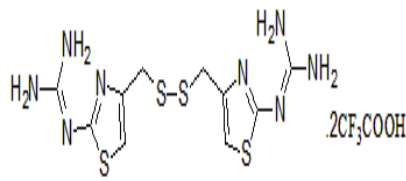
107880-74-0

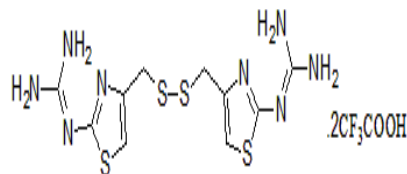
ACI 060107 **Famotidine Imp. G (EP) as maleate:** N-Cyano-3-[[[2-[(diaminomethylene)aminothiazol-4-ylmethyl]sulfonyl]propanimidamide]maleate



n/a

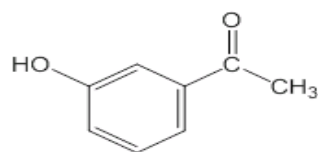
Code	Product Name	Structure	CAS No.
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ACI-060105	<b>Famotidine Imp. E (EP) as di trifluoroacetic acid salt:</b> 2,2'-[disulfaneyldi]bis(methylenethiazole-4,2-diy)]diguandine di trifluoroacetic acid salt		Free base 129083-44-9
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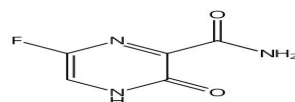
## Faropenem

ACI 063811	<b>Faropenem Impurity:</b> 3'-Hydroxyacetophenone		121-71-1
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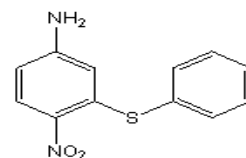
## Favipiravir

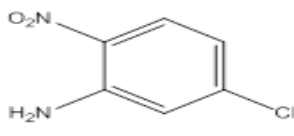
ACI 064900	<b>Favipiravir:</b> 6-Fluoro-3,4-dihydro-3-oxo-2-pyrazinecarboxamide		259793-96-9
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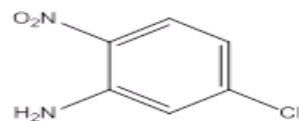


## Febantel

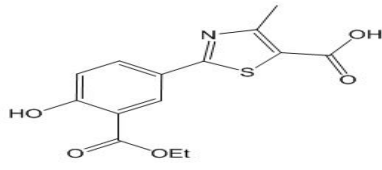
ACI 061311	<b>Febantel Impurity:</b> 3-Thiophenyl-4-nitroaniline		28819-80-9
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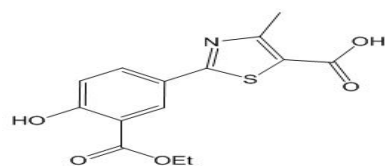


ACI 061312	<b>Febantel Impurity:</b> 5-Chloro-2-nitroaniline		1635-61-6
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## Febuxostat

ACI 064212	<b>Febuxostat Impurity:</b> 2-(3-(ethoxycarbonyl)-4-hydroxyphenyl)-4-methylthiazole-5-carboxylic acid		NA
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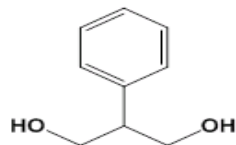


## Felbamate



Code	Product Name	Structure	CAS No.
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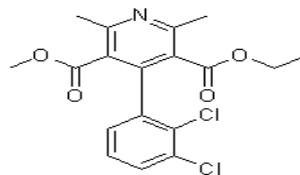
ACI 063911 **Felbamate Impurity:** 2-Phenyl-1,3-propanediol



1570-95-2

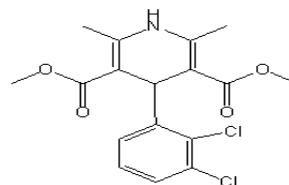
## Felodipine

ACI 060401 **Felodipine Imp. A (EP):** Ethyl methyl 4-(2,3-dichlorophenyl)-2,6-dimethylpyridine-3,5-dicarboxylate



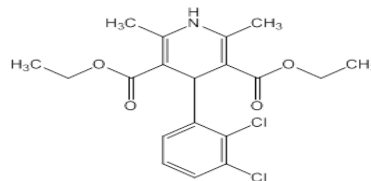
96382-71-7

ACI 060402 **Felodipine Imp. B (EP):** Dimethyl 4-(2,3-dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate



91189-59-2

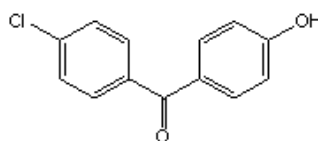
ACI 060403 **Felodipine Imp. C (EP):** Diethyl 4-(2,3-dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate



79925-38-5

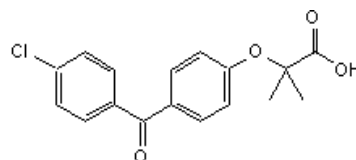
## Fenofibrate

ACI 061001 **Fenofibrate Imp. A (EP):** (4-chlorophenyl)(4-hydroxyphenyl) methanone



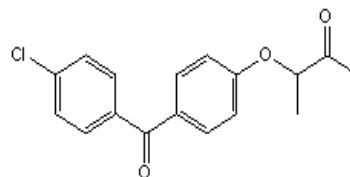
42019-78-3

ACI 061002 **Fenofibrate Imp. B (EP):** 2-[4-(4-Chlorobenzoyl)phenoxy]-2-methylpropanoic Acid

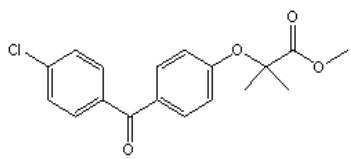
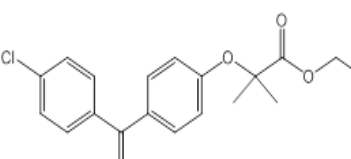
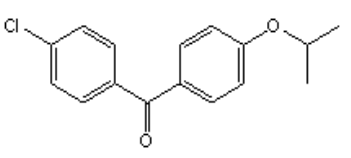
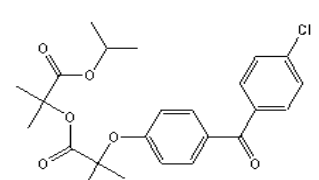


42017-89-0

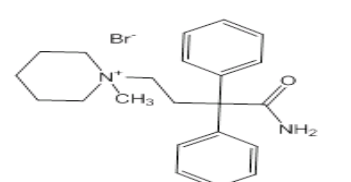
ACI 061003 **Fenofibrate Imp. C (EP):** (3RS)-3-[4-(4-chlorobenzoyl)phenoxy]butan-2-one



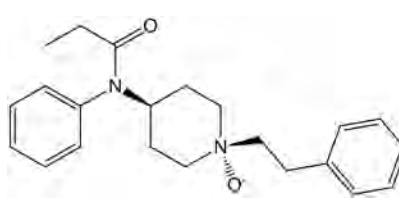
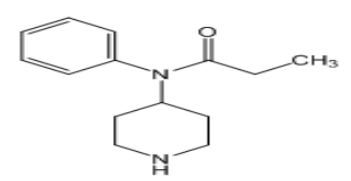
217636-47-0

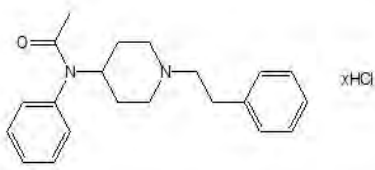
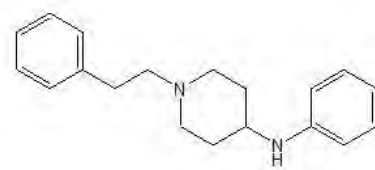
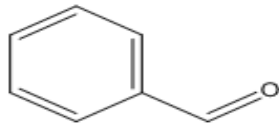
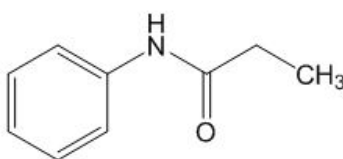
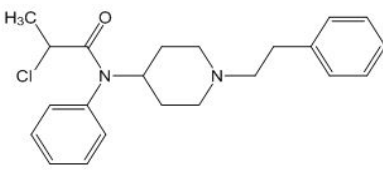
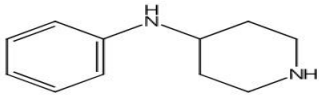
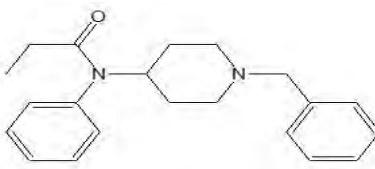
Code	Product Name	Structure	CAS No.
ACI 061004	<b>Fenofibrate Imp. D (EP):</b> Methyl 2-[4-(4-chlorobenzoyl)phenoxy]-2-methylpropanoate		42019-07-8
ACI 061005	<b>Fenofibrate Imp. E (EP):</b> Ethyl 2-[4-(4-chlorobenzoyl)phenoxy]-2-methylpropanoate		42019-08-9
ACI 061006	<b>Fenofibrate Imp. F (EP):</b> (4-chlorophenyl)[4-(1-methylethoxy)phenyl]methanone		154356-96-4
ACI 061007	<b>Fenofibrate Imp. G (EP):</b> 1-methylethyl 2-[[2-[4-(4-chlorobenzoyl)phenoxy]-2-methylpropanoyl]oxy]-2-methylpropanoate		217636-48-1

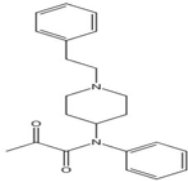
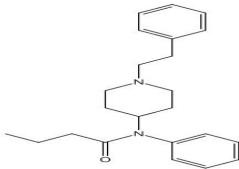
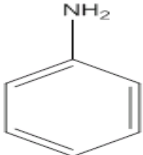
## Fenpivernium

ACI 062300	<b>Fenpivernium Bromide:</b> 1-(4-amino-4-oxo-3,3-diphenylbutyl)-1-methyl-piperidinium bromide (1:1)		125-60-0
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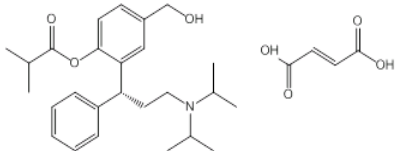
## Fentanyl

ACI 062201	<b>Fentanyl Imp. A (EP):</b> N-phenyl-N-[cis,trans-1-oxido-1-(2-phenylethyl)piperidin-4-yl]propanamide		85893-37-4
ACI 062202	<b>Fentanyl Imp. B (EP):</b> N-phenyl-N-(piperidin-4-yl)propanamide		1609-66-1

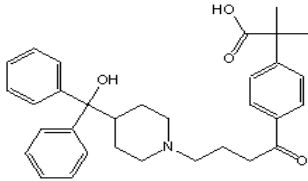
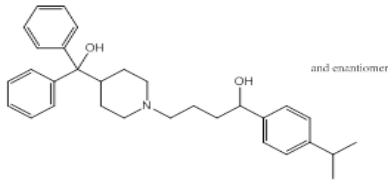
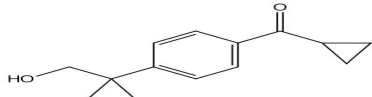
Code	Product Name	Structure	CAS No.
ACI 062203	<b>Fentanyl Imp. C (EP) as hydrochloride:</b> N-phenyl-N-[1-(2-phenylethyl)piperidin-4-yl]acetamide hydrochloride		117332-89-5
ACI 062204	<b>Fentanyl Imp. D (EP):</b> N-phenyl-1-(2-phenylethyl)piperidin-4-amine		21409-26-7
ACI 062205	<b>Fentanyl Imp. E (EP):</b> Benzaldehyde		100-52-7
ACI 062207	<b>Fentanyl Imp. G (EP):</b> N-phenylpropanamide		620-71-3
ACI 062208	<b>Fentanyl Imp. H (EP):</b> (2RS)-2-chloro-N-Phenyl-N-[1-(2-phenylethyl)piperidin-4-yl]propanamide		NA
ACI 062211	<b>Fentanyl Impurity:</b> 4-(Phenylamino)piperidine		23056-29-3
ACI 062212	<b>Fentanyl Impurity:</b> N-(1-Benzyl-4-piperidinyl)propionanilide		1474-02-8

Code	Product Name	Structure	CAS No.
ACI 062213	<b>Fentanyl Pyruvyl analog:</b> 2-Oxo-N-(1-phenethylpiperidin-4-yl)-N-phenylpropanamide		1243952-13-7
ACI 062214	<b>Fentanyl Butyryl analog:</b> N-(1-Phenethylpiperidin-4-yl)-N-phenylbutyramide		1169-70-6
ACI 130811	<b>Fentanyl Imp. F (EP) as Hydrochloride:</b> Aniline hydrochloride	 x HCl	142-04-1

## Fesoterodine

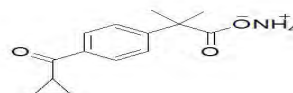
ACI 063700	<b>Fesoterodine Fumarate:</b> 2-[(1R)-3-[bis(propan-2-yl)amino]-1-phenylpropyl]-4-(hydroxymethyl)phenyl 2-methylpropanoate (2E)-2-butenedioate (1:1)		286930-03-8
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## Fexofenadine

ACI 060801	<b>Fexofenadine Hydrochloride Imp. A (EP):</b> 2-[4-[4-(hydroxydiphenylmethyl)piperidin-1-yl]butanoyl]phenyl]-2-methylpropanoic acid		76811-98-8
ACI 060803	<b>Fexofenadine Hydrochloride Imp. C (EP):</b> (1RS)-4-[4-(hydroxydiphenylmethyl) piperidin-1-yl]-1-[4-(1-methylethyl)phenyl]butan-1-ol	 and enantiomer	185066-37-9
ACI 060813	<b>Fexofenadine Impurity:</b> cyclopropyl(4-(1-hydroxy-2-methylpropan-2-yl)phenyl)methanone		169280-26-6

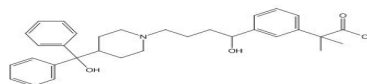
Code	Product Name	Structure	CAS No.
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ACI 060814 **Fexofenadine Impurity:** 4-(Cyclopropyl carbonyl)-2,2-dimethyl benzene acetic acid ammonia salt



NA

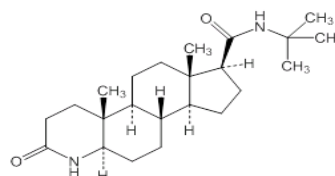
ACI-060802 **Fexofenadine Hydrochloride Imp. B (EP) (or)**  
**Fexofenadine Related Compound B:** (3-[1-hydroxy-4-[4-(hydroxydiphenylmethyl)-1-piperidinyl]butyl]-alpha,alpha-dimethyl benzeneacetic acid (meta-Fexofenadine)



479035-75-1

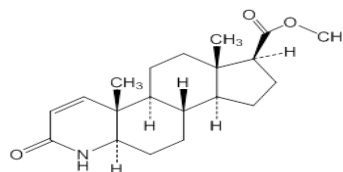
## Finasteride

ACI 061901 **Finasteride Imp. A (EP):** N-(1,1-dimethylethyl)-3-oxo-4-aza-5a-androstane-17β-carboxamide



98319-24-5

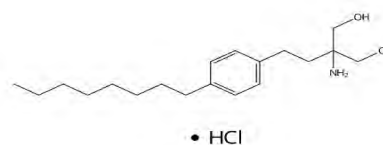
ACI 061902 **Finasteride Imp. B (EP):** methyl 3-oxo-4-aza-5a-androst-1-ene-17β-carboxylate



103335-41-7

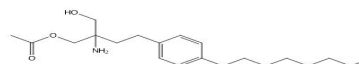
## Fingolimod

ACI 062400 **Fingolimod:** 2-Amino-[2-(4-octylphenyl)ethyl]-1,3-propanediol hydrochloride



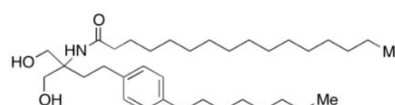
162359-56-0

ACI 062407 **Fingolimod Hydrochloride Imp.G(EP):** 2-Amino-2-(hydroxymethyl)-4-(4-octylphenyl)butyl acetate(O-acetyl fingolimod)

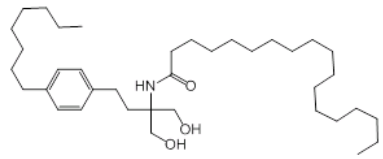
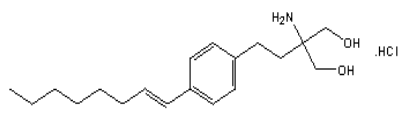
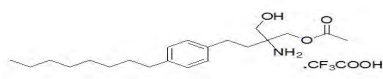
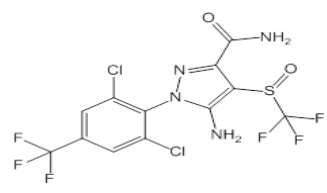
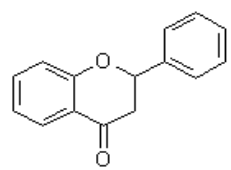
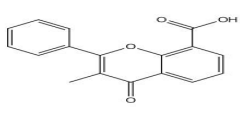
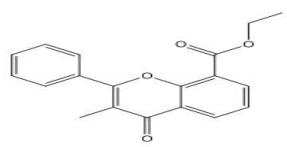


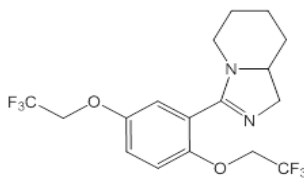
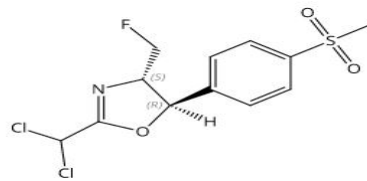
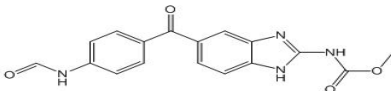
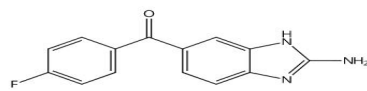
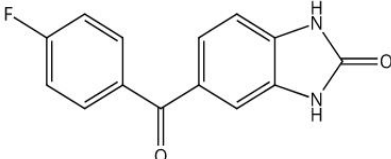
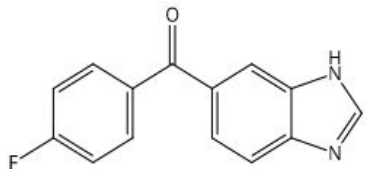
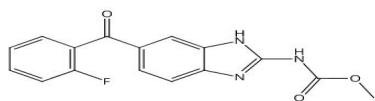
1807973-92-7

ACI 062411 **Fingolimod Impurity:** N-(1-Hydroxy-2-(hydroxymethyl)-4-(4-octylphenyl)butan-2-yl)palmitamide (Fingolimod Palmitate Amide)



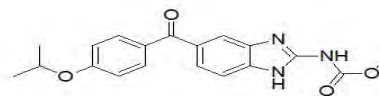
1242271-26-6

Code	Product Name	Structure	CAS No.
ACI 062412	<b>Fingolimod Impurity:</b> N-(1-Hydroxy-2-(hydroxymethyl)-4-(4-octylphenyl)butan-2-yl)stearamide(Fingolimod stearate Amide )		1242271-27-7
ACI 062413	<b>Fingolimod Impurity as Hydrochloride salt:</b> 2-(4-((E)-oct-1-enyl)phenethyl)-2-aminopropane-1,3-diol Hydrochloride		n/a
ACI-062407	<b>Fingolimod Hydrochloride Imp.G(EP) as TFA salt:</b> 2-Amino-2-(hydroxymethyl)-4-(4-octylphenyl)butylacetate, trifluoroacetate (1:1)		2469039-45-8
<b>Fipronil-carboxamide</b>			
ACI 061511	<b>Fipronil-carboxamide:</b> 5-Amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-Pyrazole-3-carboxamide		205650-69-7
<b>Flavanone</b>			
ACI 060300	<b>Flavanone:</b> 2-Phenyl-4-chromanone		487-26-3
<b>Flavoxate</b>			
ACI 065001	<b>Flavoxate hydrochloride Imp.A(EP):</b> 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylic acid (3-Methylflavone-8-carboxylic acid)		3468-01-7
ACI 065002	<b>Flavoxate hydrochloride Imp.B(EP):</b> ethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate		35888-94-9

Code	Product Name	Structure	CAS No.
<b>Flecainide</b>			
ACI 062601	<b>Flecainide acetate Imp.A (EP) as hydrochloride:</b> (8aRS)-3-[2,5-bis(2,2,2-trifluoroethoxy)phenyl]-1,5,6,7,8,8a-hexahydro imidazo[1,5-a]pyridine hydrochloride		NA
<b>Florfenicol</b>			
ACI 064022	<b>Florfenicol impurity:</b> (4S,5R)-2-(Dichloromethyl)-5-[4-(methylsulfonyl)phenyl]-4-(fluoromethyl)-1,3-oxazoline		143026-79-3
<b>Flubendazole</b>			
ACI 064601	<b>Flubendazole Imp.A (EP) :</b> methyl [5-[4-(formylamino)benzoyl]-1H-benzimidazol-2-yl]carbamate		NA
ACI 064602	<b>Flubendazole Imp.B (EP) :</b> (2-amino-1H-benzimidazol-5-yl)(4-fluorophenyl)methanone		82050-13-3
ACI 064603	<b>Flubendazole Imp.C (EP):</b> (4-fluorophenyl)(2-hydroxy-1H-benzimidazol-5-yl)methanone		1097107-40-8
ACI 064604	<b>Flubendazole Imp.D (EP):</b> (1H-benzimidazol-5-yl)(4-fluorophenyl)methanone		1515807-30-3
ACI 064605	<b>Flubendazole Imp.E (EP) :</b> methyl [5-(2-fluorobenzoyl)-1H-benzimidazol-2-yl]carbamate		66939-00-2

Code	Product Name	Structure	CAS No.
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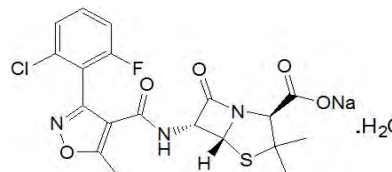
ACI 064607 **Flubendazole Imp.G (EP):** methyl [5-[4-(1-methylethoxy)benzoyl]-1H-benzimidazol-2-yl]carbamate



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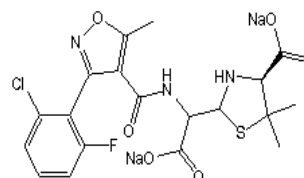
## Flucloxacillin

ACI 062500 **Flucloxacillin Sodium:** Sodium (2S,5R,6R)-6-[[[3-(2-chloro-6-fluorophenyl)-5-methyl-1,2-oxazol-4-yl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate monohydrate



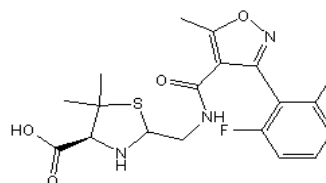
1847-24-1

ACI 062501 **Flucloxacillin Sodium Imp. A (EP) as Disodium Salt:** (4S)-2-[carboxy[[[3-(2-chloro-6-fluorophenyl)-5-methylisoxazol-4-yl]carbonyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid Disodium Salt



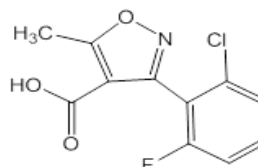
68728-50-7

ACI 062502 **Flucloxacillin Sodium Imp. B (EP):** (2RS,4S)-2-[[[3-(2-chloro-6-fluorophenyl)-5-methylisoxazol-4-yl]carbonyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penilloic acids of flucloxacillin)



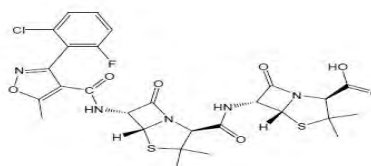
1276016-89-7

ACI 062504 **Flucloxacillin Sodium Imp. D (EP):** 3-(2-chloro-6-fluorophenyl)-5-methylisoxazole-4-carboxylic acid



3919-74-2

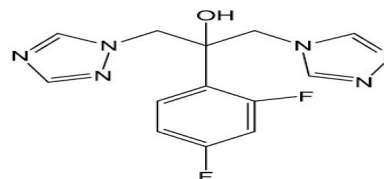
ACI 062505 **Flucloxacillin Sodium Imp. E (EP):** (2S,5R,6R)-6-[[[(2S,5R,6R)-6-[[[3-(2-chloro-6-fluorophenyl)-5-methylisoxazol-4-yl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (6-APA flucloxacillin amide).



NA

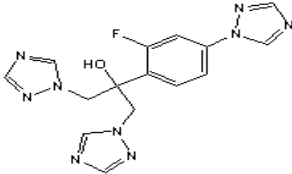
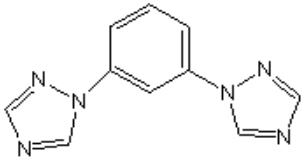
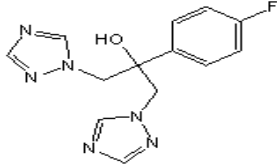
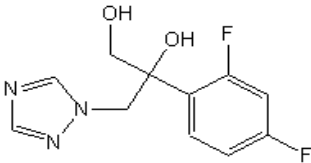
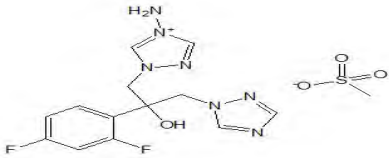
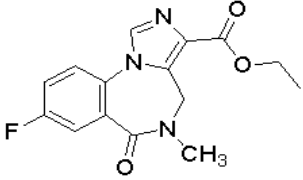
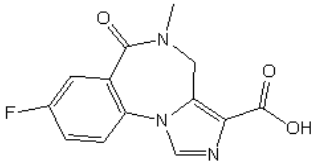
## Fluconazole

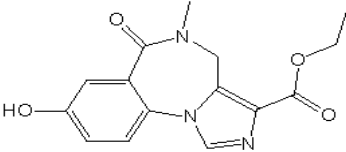
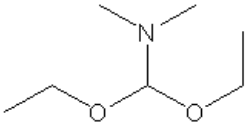
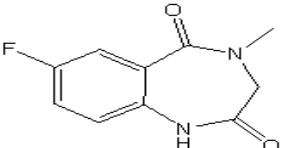
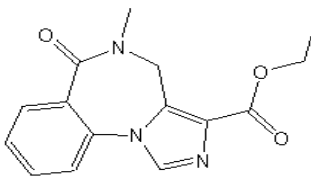
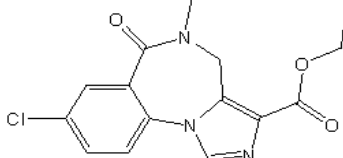
ACI 060201 **Fluconazole Imp. A (EP):** (2RS)-2-(2,4-difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-3-(4H-1,2,4-triazol-4-yl)propan-2-ol



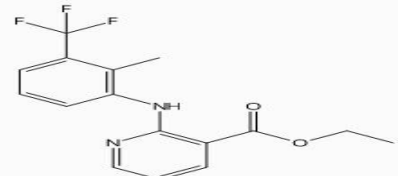
89429-59-4



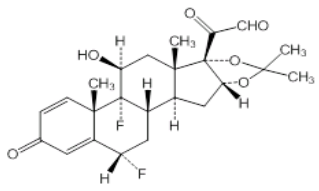
Code	Product Name	Structure	CAS No.
ACI 060202	<b>Fluconazole Imp. B (EP):</b> 2-[2-Fluoro-4-(1H-1,2,4-triazol-1-yl)phenyl]-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol		871550-15-1
ACI 060203	<b>Fluconazole Imp. C (EP):</b> 1,1'-(1,3-phenylene)di-1H-1,2,4-triazole		514222-44-7
ACI 060204	<b>Fluconazole Imp. D (EP):</b> 2-(4-Fluorophenyl)-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol		81886-51-3
ACI 060206	<b>Fluconazole Imp. F (EP):</b> (2RS)-2-(2,4-difluorophenyl)-3-(1H-1,2,4-triazol-1-yl)propane-1,2-diol		118689-07-9
ACI 060221	<b>Fluconazole Impurity:</b> 4-Amino-1-[2-(2,4-difluorophenyl)-2-hydroxy-3-(1H-1,2,4-triazol-1-yl)propyl]-4H-1,2,4-Triazolium methyl sulfonate (Amino Fluconazole quaternary salt)		NA
<b>Flumazenil</b>			
ACI 062000	<b>Flumazenil:</b> 8-Fluoro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic Acid Ethyl Ester		78755-81-4
ACI 062001	<b>Flumazenil Imp. A (EP):</b> 8-fluoro-5-methyl-6-oxo-5,6-dihydro-4H-imidazo [1,5-a][1,4]benzodiazepine-3-carboxylic acid		84378-44-9

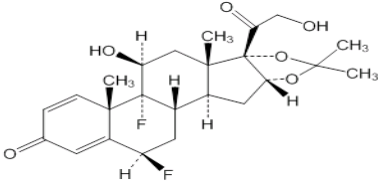
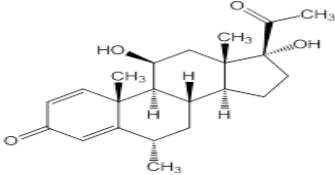
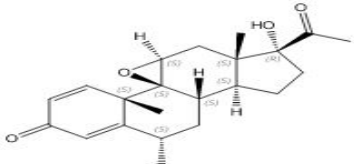
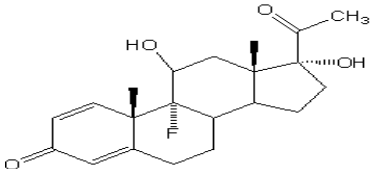
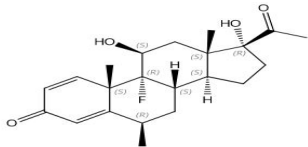
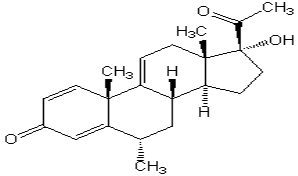
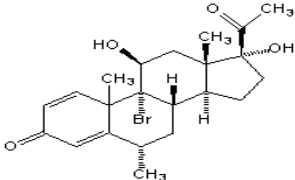
Code	Product Name	Structure	CAS No.
ACI 062002	<b>Flumazenil Imp. B (EP):</b> ethyl 8-hydroxy-5-methyl-6-oxo-5,6-dihydro-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate		131666-45-0
ACI 062003	<b>Flumazenil Imp. C (EP):</b> Diethoxy-N,N-dimethylmethanamine		1188-33-6
ACI 062004	<b>Flumazenil Imp. D (EP):</b> 7-fluoro-4-methyl-3,4-dihydro-1H-1,4-benzodiazepine-2,5-dione		78755-80-3
ACI 062005	<b>Flumazenil Imp. E (EP):</b> Ethyl 5-methyl-6-oxo-5,6-dihydro-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate		78756-03-3
ACI 062006	<b>Flumazenil Imp. F (EP):</b> Ethyl 8-chloro-5-methyl-6-oxo-5,6-dihydro-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate		78756-33-9

## Flunixin

ACI 064804	<b>Flunixin meglumine Imp.D(EP):</b> ethyl 2-[[[2-methyl-3-(trifluoromethyl)phenyl]amino]pyridine-3-carboxylate		54396-42-8
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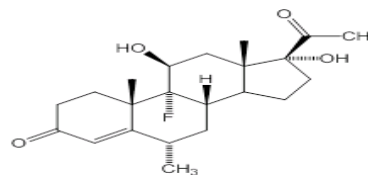
## Fluocinolone

ACI 062704	<b>Fluocinolone acetonide Imp. D (EP):</b> 6a,9-difluoro-11 $\beta$ -hydroxy-16a,17-(1-methylethylidenedioxy)-3,20-dioxopregna-1,4-dien-21-al,		13242-30-3
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Code	Product Name	Structure	CAS No.
ACI 062710	<b>Fluocinolone acetonide Imp. J (EP):</b> 6 $\beta$ ,9-difluoro-11 $\beta$ ,21-dihydroxy-16 $\alpha$ ,17-(1-methylethylidenedioxy)pregna-1,4-diene-3,20-dione		NA
<b>Fluorometholone</b>			
ACI 063211	<b>Fluorometholone Impurity:</b> 11 $\beta$ ,17-dihydroxy-6 $\alpha$ -methylpregna-1,4-diene-3,20-dione (Deltamedrane)		6870-94-6
ACI 063212	<b>Fluorometholone Impurity:</b> 19 $\beta$ ,11 $\beta$ -Epoxy-17 $\alpha$ -hydroxy-6 $\alpha$ -methylpregna-1,4-dien-3,20-dione (Epoxymeradiene)		83873-16-9
ACI 063213	<b>Fluorometholone Impurity:</b> (11 $\beta$ )-9-Fluoro-11,17-dihydroxy-pregna-1,4-diene-3,20-dione (6-Demethylfluorometholone)		426-20-0
ACI 063214	<b>Fluorometholone Impurity:</b> 9-Fluoro-11 $\beta$ ,17-dihydroxy-6 $\beta$ -methyl-pregna-1,4-diene-3,20-dione		3918-13-6
ACI 063215	<b>Fluorometholone Impurity:</b> 17-Hydroxy-6 $\alpha$ -methylpregna-1,4,9(11)-triene-3,20-dione (Medratriene)		110664-42-1
ACI 063216	<b>Fluorometholone Impurity:</b> 9-Bromo-11 $\beta$ ,17-dihydroxy-6 $\alpha$ -methyl-pregna-1,4-diene-3,20-dione (Medratriene Bromohydrin)		110664-58-9

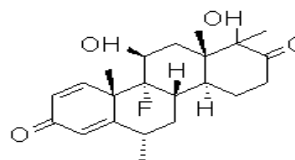
Code	Product Name	Structure	CAS No.
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ACI 063217 **Fluorometholone Impurity:** 6a-Methyl-9a-fluoro-11 $\beta$ ,17a-dihydroxyprogesterone (3-Keto Delta 4-Derivative)



378-36-9

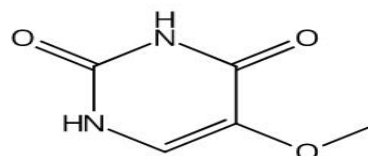
ACI 063218 **Fluorometholone Impurity:** 4aS,4bS,6S,10aS,10bR,11S,12aS)-10b-Fluoro-1,11-dihydroxy-1,6,10a,12a-tetramethyl-4,4a,4b,5,6,10a,10b,11,12,12a-decahydrochrysen-2,8 (1H,3H)-dione (D-Homo Derivative)



NA

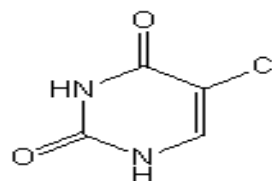
## Fluorouracil

ACI 060904 **Fluorouracil Imp. D (EP):** 5-methoxypyrimidine-2,4 (1H,3H)-dione (5-methoxyuracil)



6623-81-0

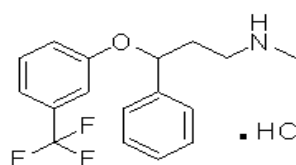
ACI 060905 **Fluorouracil Imp. E (EP):** 5-chlorouracil



1820-81-1

## Fluoxetine

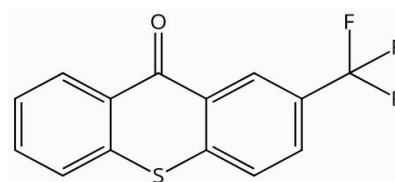
ACI 062803 **Fluoxetine Hydrochloride Imp. C (EP):** (3RS)-N-methyl-3-phenyl-3-[3-(trifluoromethyl)phenoxy]propan-1-amine



79088-29-2

## Flupentixol

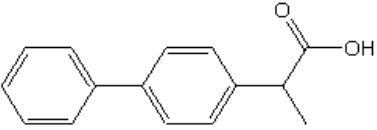
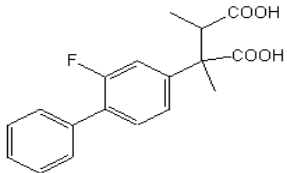
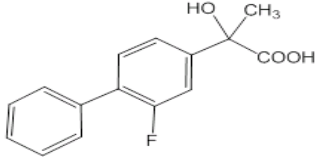
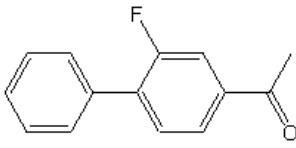
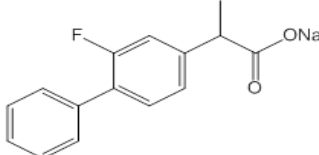
ACI 064307 **Flupentixol Dihydrochloride Imp. G (EP):** 2-(trifluoromethyl)-9H-thioxanthen-9-one



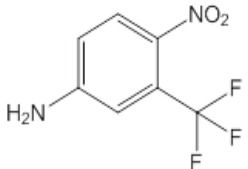
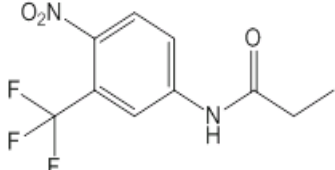
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## Fluphenazine

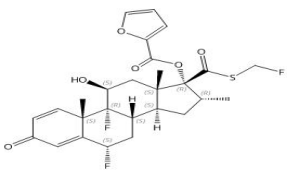
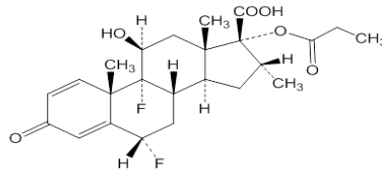
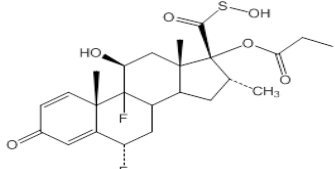
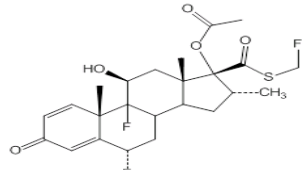
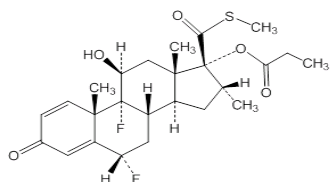
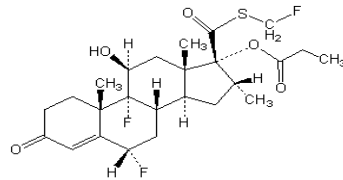
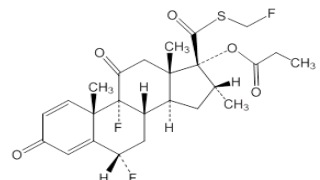


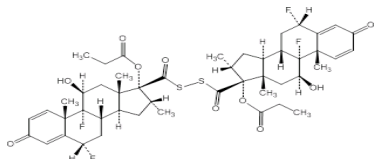
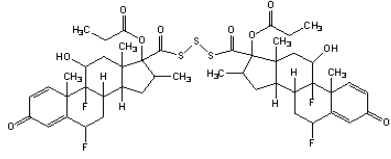
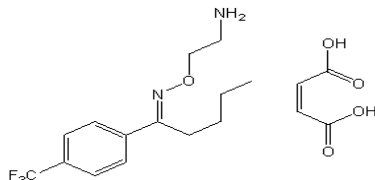
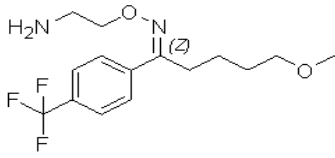
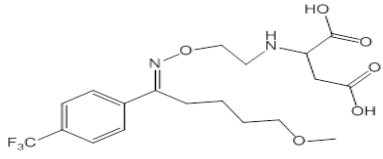
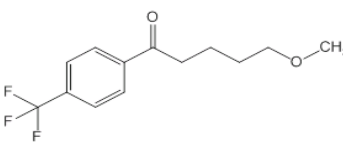
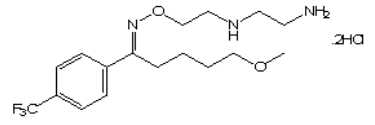
Code	Product Name	Structure	CAS No.
ACI 061601	<b>Flurbiprofen Imp. A (EP):</b> (2RS)-2-(biphenyl-4-yl)propanoic acid		6341-72-6
ACI 061602	<b>Flurbiprofen Imp.B (EP):</b> 2-(2-Fluorobiphenyl-4-yl)-2,3-dimethylbutanedioic acid		1797883-74-9
ACI 061603	<b>Flurbiprofen Imp. C (EP):</b> (2RS)-2-(2-Fluorobiphenyl-4-yl)-2-hydroxypropanoic acid		61466-95-3
ACI 061604	<b>Flurbiprofen Imp. D (EP):</b> 1-(2-Fluorobiphenyl-4-yl)ethanone		42771-79-9
ACI 061611	<b>Flurbiprofen Sodium:</b> (2RS)-2-(2-Fluorobiphenyl-4-yl)propanoic acid Sodium salt.		56767-76-1

## Flutamide

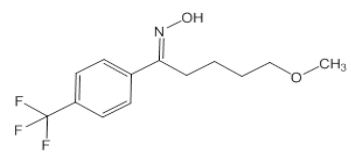
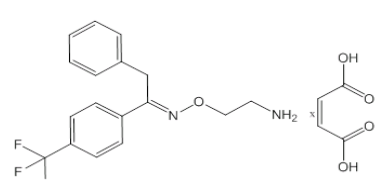
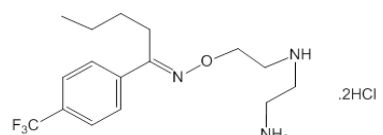
ACI 063001	<b>Flutamide Imp. A (EP):</b> 4-nitro-3-(trifluoromethyl)aniline		393-11-3
ACI 063003	<b>Flutamide Imp. C (EP):</b> N-[4-nitro-3-(trifluoromethyl)phenyl]propanamide		13312-12-4

## Fluticasone

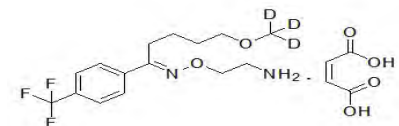
Code	Product Name	Structure	CAS No.
ACI 063600	<b>Fluticasone furoate:</b> 6 $\alpha$ ,9 $\alpha$ -Difluoro-17 $\alpha$ -[[2-furanylcarbonyl)oxy]-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-diene-17 $\beta$ -carbothioic acid S-fluoromethyl ester		397864-44-7
ACI 061701	<b>Fluticasone propionate Imp. A (EP):</b> 6 $\alpha$ ,9-difluoro-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxo-17-(propanoyloxy)androsta-1,4-diene-17 $\beta$ -carboxylic acid,		65429-42-7
ACI 061702	<b>Fluticasone propionate Imp. B (EP):</b> [[6 $\alpha$ ,9-difluoro-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxo-17-(propanoyloxy)androsta-1,4-dien-17 $\beta$ -ylcarbonylsulfenic acid,		948566-12-9
ACI 061703	<b>Fluticasone propionate Imp. C (EP):</b> 6 $\alpha$ ,9-difluoro-17-[[[(fluoromethyl)sulfanylcarbonyl-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-dien-17 $\alpha$ -yl acetate,		80474-24-4
ACI 061704	<b>Fluticasone propionate Imp. D (EP):</b> 6 $\alpha$ ,9-difluoro-17-[(methylsulfanyl)carbonyl-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-dien-17 $\alpha$ -yl propanoate		73205-13-7
ACI 061705	<b>Fluticasone propionate Imp. E (EP):</b> 6 $\alpha$ ,9-Difluoro-17-[[[(fluoromethyl)sulfanyl carbonyl-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxoandrost-4-en-17 $\alpha$ -yl propanoate		105613-90-9
ACI 061706	<b>Fluticasone propionate Imp. F (EP):</b> 6 $\alpha$ ,9-difluoro-17-[[[(fluoromethyl)sulfanylcarbonyl-16 $\alpha$ -methyl-3,11-dioxoandrosta-1,4-dien-17 $\alpha$ -yl propanoate		1219174-94-3

Code	Product Name	Structure	CAS No.
ACI 061708	<b>Fluticasone propionate Imp. H (EP):</b> 17,17'- (disulfanediyldicarbonyl)bis(6a,9-difluoro-11β-hydroxy-16a- methyl-3-oxoandrosta-1,4-dien-17a-yl) dipropionate		201812-64-8
ACI 061709	<b>Fluticasone Propionate Imp. I (EP):</b> 17,17`-(trisulfanediyl dicarbonyl)bis(6alpha,9-difluoro-11beta-hydroxy 16 alpha- methyl-3-oxoandrosta-1,4-dien-17alpha-yl)dipropionate		960071-64-1
<b>Fluvoxamine</b>			
ACI 063101	<b>Fluvoxamine maleate Imp. A (EP):</b> 2-[[[(1E)-1-[4- (trifluoromethyl)phenyl]pentylidene]amino]oxy] ethanaminemaleate		NA
ACI 063102	<b>Fluvoxamine maleate Imp. B (EP):</b> 2-[[[(1Z)-5-methoxy-1- [4-(trifluoromethyl)phenyl]pentylidene] amino]oxy]ethanamine		917096-37-8
ACI 063103	<b>Fluvoxamine maleate Imp. C (EP):</b> (2RS)-2-[[2-[[[(1E)-5- methoxy-1-[4-(trifluoromethyl)phenyl] pentylidene]amino]oxy]ethyl]amino]butanedioic acid		259526-43-7
ACI 063104	<b>Fluvoxamine maleate Imp. D (EP):</b> 5-Methoxy-1-[4- (trifluoromethyl)phenyl]pentan-1-one		61718-80-7
ACI 063106	<b>Fluvoxamine maleate Imp. F (EP) as Dihydrochloride salt:</b> N-[2-[[[(1E)-5-methoxy-1-[4-(trifluoromethyl)phenyl] pentylidene]amino]oxy]ethyl]ethane-1,2-diamine dihydrochloride		NA

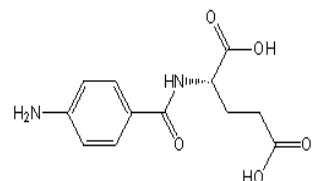
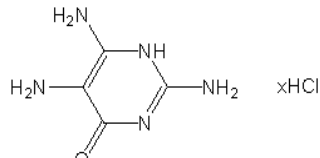
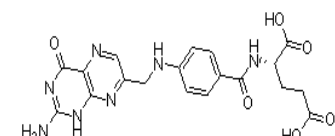


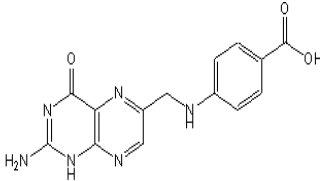
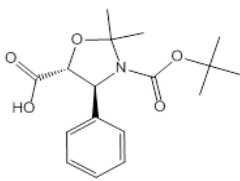
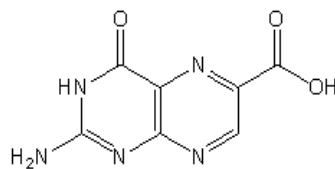
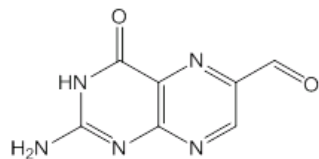
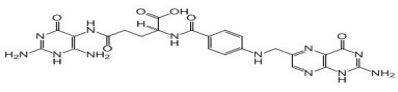
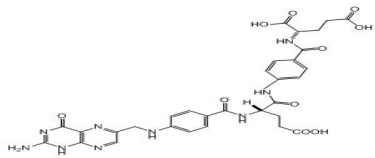
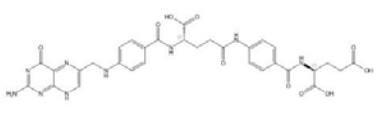
Code	Product Name	Structure	CAS No.
ACI 063109	<b>Fluvoxamine maleate Imp. I (EP):</b> (E)-N-[5-methoxy-1-[4-(trifluoromethyl)phenyl]pentylidene]hydroxylamine		61747-22-6
ACI 063110	<b>Fluvoxamine maleate Imp. J (EP) as Maleate salt:</b> 2-[[[(1E)-2-phenyl-1-[4-(trifluoromethyl)phenyl]ethylidene]amino]oxy]ethanamine maleate		NA
ACI 063121	<b>Fluvoxamine maleate Impurity as dihydrochloride salt:</b> 4'-(Trifluoromethyl)valerophenone(E)-O-2- (2-aminoethyl) aminoethyloximemaleate dihydrochloride		NA

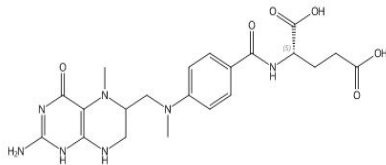
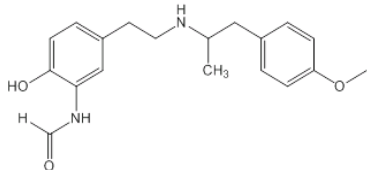
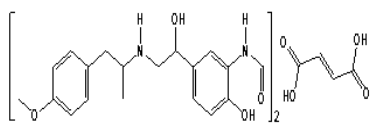
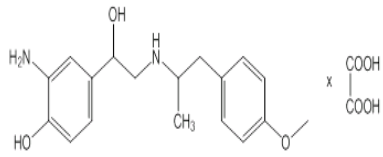
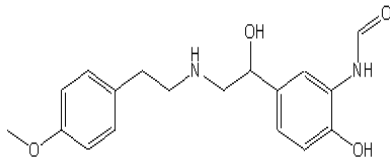
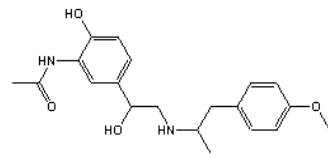
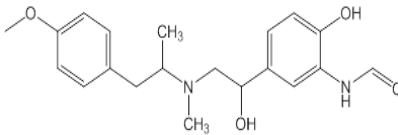
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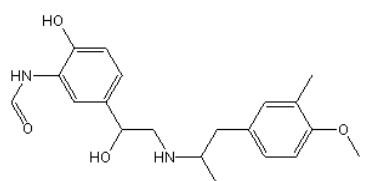
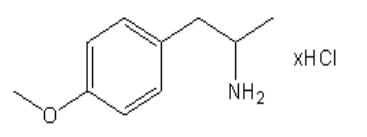
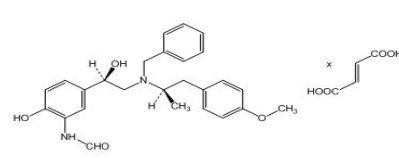
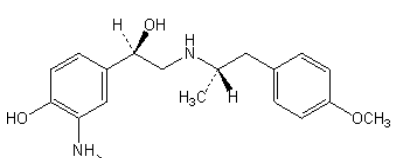
ACI 063130	<b>Fluvoxamine-d3 Maleate:</b> (E)-5-(Methoxy-d3)-1-[4-(trifluoromethyl)phenyl]-1-pentanone O-(2-Aminoethyl)oxime ; Dumirox-d3; ; Floxytral-d3; Luvox-d3; Maveral-d3		54739-18-3 (non-d)
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### Folic

ACI 060701	<b>Folic acid Imp. A (EP):</b> (2S)-2-[(4-aminobenzoyl) amino pentanedioic acid ( N-(4-aminobenzoyl)-l-glutamic acid)		4271-30-1
ACI 060702	<b>Folic acid Imp. B (EP):</b> 2,5,6-triaminopyrimidin-4(1H)-one		4066-47-1
ACI 060703	<b>Folic acid Impurity C:</b> L-Glutamic acid, N-[4-[[[(2-amino-3,4-dihydro-4-oxo-7-pteridinyl)methyl]amino]benzoyl]		47707-78-8

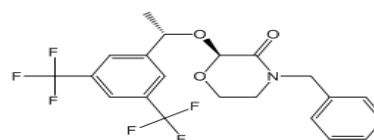
Code	Product Name	Structure	CAS No.
ACI 060704	<b>Folic acid Imp.D (EP):</b> 4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoic acid		119-24-4
ACI 060710	<b>Folic acid Impurity:</b> (4S,5R)-3,5-Oxazolidinedicarboxylic acid, 2,2-dimethyl-4-phenyl-, 3-(1,1-dimethylethyl) ester		143527-70-2
ACI 060711	<b>Folic acid Impurity:</b> Pterine-6-carboxylic acid		948-60-7
ACI 060712	<b>Folic acid Impurity:</b> Pterin-6-aldehyde		712-30-1
ACI 060715	<b>Folic acid Impurity:</b> N2-(4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoyl]-N-(2,6-diamino-4-oxo-1,4-dihydropyrimidin-5-yl)-L-glutamate(Folic acid Impurity 2B )		NA
ACI 060718	<b>Folic acid Impurity:</b> N-(4-[[N-(4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoyl]-L-alpha-glutamyl]amino]glutamic acid.		NA
ACI 060719	<b>Folic acid Impurity :</b> N-(4-[[N-(4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoyl]-L-gamma-glutamyl]amino]glutamic acid		2366274-27-1

Code	Product Name	Structure	CAS No.
ACI 060721	<b>Folic acid Impurity:</b> (4-(((2-amino-5-methyl-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(methyl)amino)benzoyl)glutamic acid (MTHFRC-4 Impurities)		1553-43-1
<b>Formoterol</b>			
ACI 062111	<b>Formoterol fumarate dihydrate Impurity:</b> N-[2-hydroxy-5-[2-[[[(1R)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]-formamide (Deshydroxy formoterol)		477552-93-5
ACI 062100	<b>Formoterol fumarate dihydrate:</b> N-[2-Hydroxy-5-[(1RS)-1-hydroxy-2-[[[(1RS)-2-(4-methoxyphenyl)-1-methylethylamino ethyl]phenyl]formamide (E)-butenedioate dihydrate		43229-80-7
ACI 062101	<b>Formoterol fumarate dihydrate Imp. A (EP) as oxalate:</b> 1-(3-amino-4-hydroxyphenyl)-2-[[2-(4-methoxyphenyl)-1-methylethylamino]ethanol oxalate		183814-30-4
ACI 062102	<b>Formoterol fumarate dihydrate Imp. B (EP):</b> N-[2-hydroxy-5-[1-(1RS)-1-hydroxy-2-[[2-(4-methoxyphenyl)ethyl]amino ethyl]phenyl]formamide		1224588-66-2
ACI 062103	<b>Formoterol fumarate dihydrate Imp. C (EP):</b> N-[2-hydroxy-5-[1-hydroxy-2-[[2-(4-methoxyphenyl)-1-methylethylamino ethyl]phenyl]acetamide		1795135-61-3
ACI 062104	<b>Formoterol fumarate dihydrate Imp. D (EP):</b> N-[2-hydroxy-5-[1-hydroxy-2-[methyl[2-(4-methoxyphenyl)-1-methylethyl amino]ethyl]phenyl]formamide		1795133-96-8

Code	Product Name	Structure	CAS No.
ACI 062105	<b>Formoterol fumarate dihydrate Imp. E (EP):</b> N-[2-hydroxy-5-[1-hydroxy-2-[[2-(4-methoxy-3-methylphenyl)-1-methylethyl]amino]ethyl]phenyl]formamide		1616967-26-0
ACI 062107	<b>Formoterol fumarate dihydrate Imp. G (EP) as hydrochloride:</b> (2RS)-1-(4-methoxyphenyl)propan-2-amine hydrochloride		3706-26-1
ACI 062108	<b>Formoterol fumarate dihydrate Imp. H (EP) as fumarate salt:</b> N-[5-[(1RS)-2-[benzyl[(1RS)-2-(4-methoxyphenyl)-1-methylethylamino-1-hydroxyethyl]-2-hydroxyphenyl]formamide fumarate		NA
ACI 062109	<b>Formoterol fumarate dihydrate Imp. I (EP):</b> N-[2-hydroxy-5-[(1RS)-1-hydroxy-2-[[[(1SR)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]formamide (diastereoisomer)		532414-36-1

## Fosaprepitant

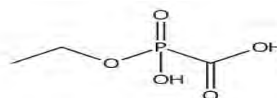
ACI 061211 **Fosaprepitant Impurity :** (2S)-2-[(1S)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy]-4-(phenylmethyl)-3-morpholinone



327623-34-7

## Foscarnet

ACI 062902 **Foscarnet sodium hexahydrate Imp. B (EP):** disodium (ethoxyoxydophosphanyl)formate

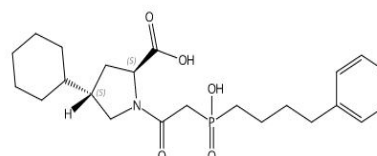


55920-24-6

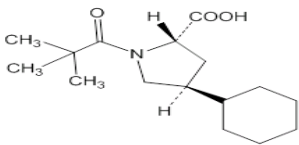
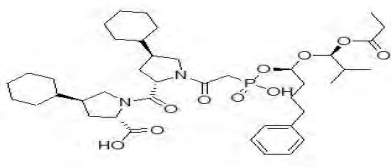
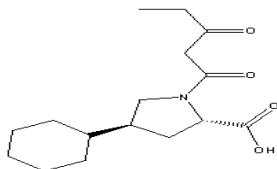
• 2 Na

## Fosinopril

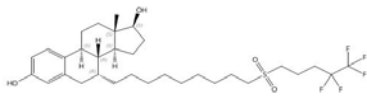
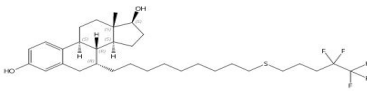
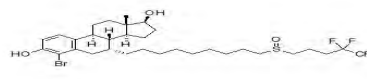
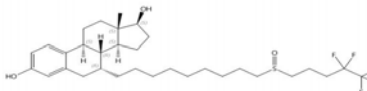
ACI 061101 **Fosinopril Imp. A (EP or IP):** (2S,4S)-4-cyclohexyl-1-[[[(R)-hydroxy(4-phenylbutyl)phosphoryl]acetyl]pyrrolidine-2-carboxylic acid



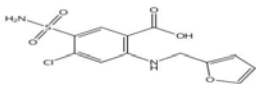
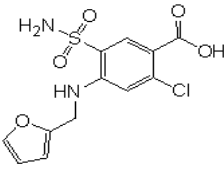
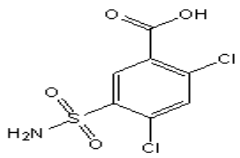
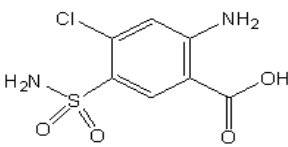
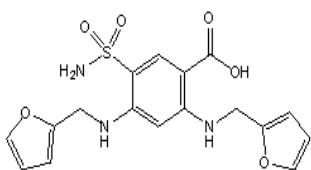
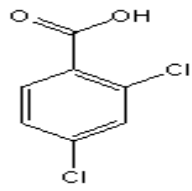
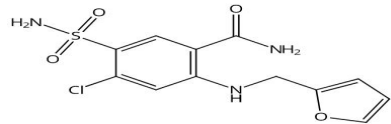
95399-71-6

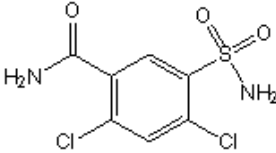
Code	Product Name	Structure	CAS No.
ACI 061111	<b>Fosinopril Imp. K (EP):</b> (2S,4S)-4-cyclohexyl-1-(2,2-dimethyl-1-oxopropyl)pyrrolidine-2-carboxylic acid.		n/a
ACI 061114	<b>Fosinopril Imp. N (EP):</b> (2S,4S)-4-cyclohexyl-1-[[[(2S,4S)-4-cyclohexyl-1-[[[(R)-[(1S)-2-methyl-1-(1-oxopropoxy)propoxy (4-phenylbutyl)phosphorylacetyl]pyrrolidin-2-ylcarbonyl]pyrrolidine-2-carboxylic acid.		NA
ACI 061121	<b>Fosinopril Impurity:</b> (S)-4-cyclohexyl-1-(3-oxopentanoyl)-L-Proline		

## Fulvestrant

ACI 065211	<b>Fulvestrant EP Impurity B (Fulvestrant Sulfone impurity):</b> 7 $\alpha$ -[9-[(4,4,5,5,5-pentafluoropentyl)sulfonyl]nonyl]estra-1,3,5(10)-triene-3,17 $\beta$ -diol		98008-06-1
ACI 065212	<b>Fulvestrant S-Deoxo:</b> 7 $\alpha$ -[9-(4,4,5,5,5-Pentafluoropentylsulfanyl)nonyl]estra-1,3,5(10)-triene-3,17 $\beta$ -diol		153004-31-0
ACI 065213	<b>Fulvestrant Bromo Analog:</b> (8R,9S,13S,14S,17S)-4-Bromo-13-methyl-7-(9-((4,4,5,5,5-pentafluoropentyl)sulfinyl)nonyl)-7,8,9,11,12,13,14,15,16,17-decahydro-6H-cyclopenta[a]phenanthrene-3,17-diol		NA
ACI 065200	<b>Fulvestrant:</b> 7 $\alpha$ -[9-[(RS)-(4,4,5,5,5-Pentafluoropentyl)sulfinyl]nonyl]estra-1,3,5(10)-triene-3,17 $\beta$ -diol		129453-61-8

## Furosemide

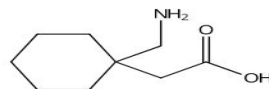
Code	Product Name	Structure	CAS No.
ACI 060500	<b>Furosemide:</b> 4-Chloro-2-[[furan-2-yl)methyl]amino]-5-sulfamoylbenzoic acid		54-31-9
ACI 060501	<b>Furosemide Imp. A (EP):</b> 2-Chloro-4-[(furan-2-ylmethyl)amino]-5-sulfamoylbenzoic acid (2-Chloro-4-N-furfurylamino-5-sulfamoylbenzoic Acid)		4818-59-1
ACI 060502	<b>Furosemide Imp. B (EP):</b> 2,4-Dichloro-5-sulfamoylbenzoic acid		2736-23-4
ACI 060503	<b>Furosemide Imp. C (EP):</b> 2-amino-4-chloro-5-sulfamoylbenzoic acid		3086-91-7
ACI 060504	<b>Furosemide Imp. D (EP):</b> 2,4-Bis[(furan-2-ylmethyl)amino]-5-sulfamoylbenzoic acid		5046-19-5
ACI 060505	<b>Furosemide Imp. E (EP):</b> 2,4-Dichlorobenzoic acid		50-84-0
ACI 060511	<b>Furosemide Impurity:</b> 5-(Aminosulfonyl)-4-chloro-2-[(2-furanylmethyl)aminobenzamide		4793-47-9

Code	Product Name	Structure	CAS No.
ACI 060512	<b>Furosemide Impurity:</b> 5-(Aminosulfonyl)-2,4-dichloro benzamide	 <chem>NC(=O)c1cc(Cl)c(Cl)cc1S(=O)(=O)N</chem>	2760-11-4

Code	Product Name	Structure	CAS No.
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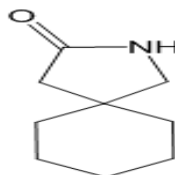
### Gabapentin

ACI 070100 **Gabapentin:** [1-(Aminomethyl)cyclohexyl]acetic acid



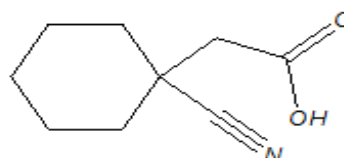
60142-96-3

ACI 070101 **Gabapentin Imp. A (EP):** 2-Azaspiro [4.5]decan-3-one (Gabapentin Lactam)



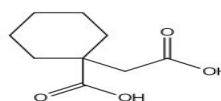
64744-50-9

ACI 070102 **Gabapentin Imp. B (EP):** (1-(Cyanocyclohexyl)acetic acid,



133481-09-1

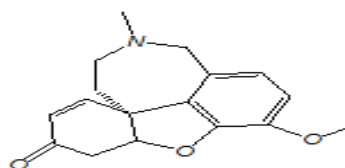
ACI 070105 **Gabapentin Imp. E (EP):** 1-(Carboxymethyl) cyclohexane carboxylic acid



67950-95-2

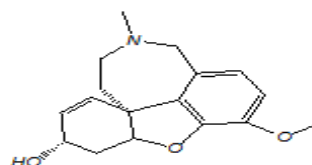
### Galantamine

ACI 071301 **Galantamine hydrobromide Imp. A (EP):** (4aS,8aS)-3-methoxy-11-methyl-4a,5,9,10,11,12-hexahydro-6H-[1]benzofuro[3a,3,2-ef][2]benzazepin-6-one (narwedine)



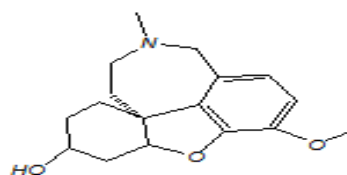
510-77-0

ACI 071302 **Galantamine hydrobromide Imp. B(EP):** (4aS,6S,8aS)-3-methoxy-11-methyl-5,6,7,8,9,10,11,12-hexahydro-4aH-[1]benzofuro[3a,3,2-ef][2]benzazepin-6-ol (epi-galantamine)



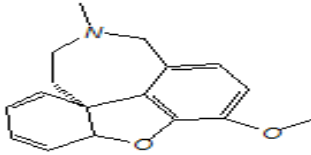
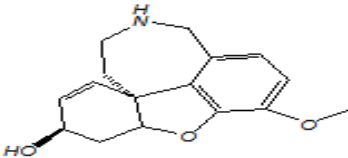
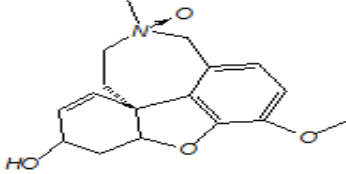
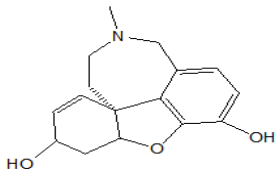
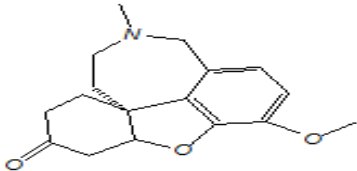
1668-85-5

ACI 071303 **Galantamine hydrobromide Imp. C(EP):** (4aS,6S,8aR)-3-methoxy-11-methyl-5,6,7,8,9,10,11,12-octahydro-4aH-[1]benzofuro[3a,3,2-ef][2]benzazepin-6-ol (dihydrogalantamine)

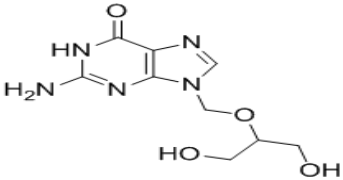
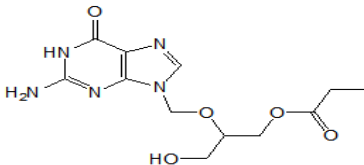


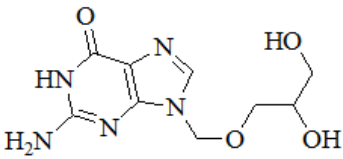
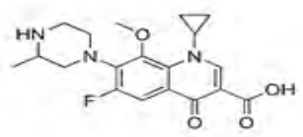
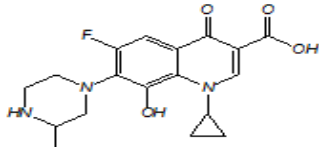
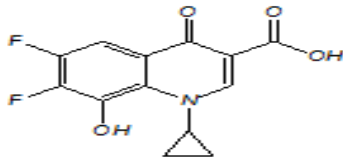
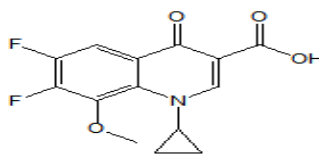
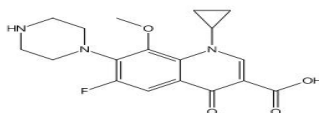
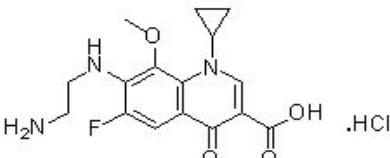
21133-52-8



Code	Product Name	Structure	CAS No.
ACI 071304	<b>Galantamine hydrobromide Imp. D (EP):</b> (4aS,8aS)-3-methoxy-11-methyl-9,10,11,12-tetrahydro-4aH-[1]benzofuro[3a,3,2-ef][2]benzazepine (anhydrogalantamine)		664995-65-7
ACI 071305	<b>Galantamine hydrobromide Imp. E (EP):</b> (4aS,6R,8aS)-3-methoxy-5,6,9,10,11,12-hexahydro-4aH-[1]benzofuro[3a,3,2-ef][2]benzazepin-6-ol		41303-74-6
ACI 071311	<b>Galantamine hydrobromide Impurity:</b> [4aS-(4aa,6β,8aR*)-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol, N-oxide		366485-18-9
ACI 071312	<b>Galantamine hydrobromide Impurity:</b> (4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-3-hydroxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol		60755-80-8
ACI 071313	<b>Galantamine hydrobromide Impurity:</b> (4aS,8aS)-4a,5,7,8,9,10,11,12-Octahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepine-6-one		21041-10-1

## Ganciclovir

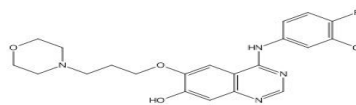
ACI 071200	<b>Ganciclovir:</b> 2-Amino-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-1,9-dihydro-6H-purin-6-one		82410-32-0
ACI 071202	<b>Ganciclovir Imp. B (EP):</b> (2RS)-2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy-3-hydroxypropyl] propionate		194159-18-7

Code	Product Name	Structure	CAS No.
ACI 071205	<b>Ganciclovir Imp. E (EP):</b> 2-amino-9-[[[(2RS)-2,3-dihydroxypropoxy]methyl]-1,9-dihydro-6H-purin-6-one		86357-09-7
<b>Gatifloxacin</b>			
ACI 070800	<b>Gatifloxacin:</b> 1-Cyclopropyl-6-fluoro- 8-methoxy-7-(3-methylpiperazin-1-yl)- 4-oxo-quinoline-3-carboxylic acid		112811-59-3
ACI 070801	<b>Gatifloxacin Impurity:</b> 1-Cyclopropyl-6-fluoro-1,4-dihydro-8-hydroxy-7-(3-methylpiperazin-1-yl)- 4-oxo-3-quinoline carboxylic acid		616205-76-6
ACI 070802	<b>Gatifloxacin Impurity:</b> 1-Cyclopropyl-6,7-difluoro-1,4-dihydro-8-hydroxy- 4-oxo-3-quinolinecarboxylic acid		154093-72-8
ACI 070803	<b>Gatifloxacin Impurity:</b> 1-Cyclopropyl-6,7-difluoro-1,4-dihydro-8-methoxy-4-oxo-3-quinolinecarboxylic acid		112811-72-0
ACI 070804	<b>Gatifloxacin Impurity:</b> 1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-4-oxo-7-(piperazin-1-yl)quinoline-3-carboxylic acid		112811-57-1
ACI 070806	<b>Gatifloxacin Impurity:</b> 7-(2-Aminoethylamino)-1-cyclopropyl-6-fluoro-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		Free amine 172426-86-7

## Gefitinib

Code	Product Name	Structure	CAS No.
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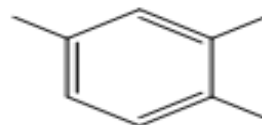
ACI 071915 **Gefitinib Impurity (O-Desmethyl Gefitinib):** 4-[(3-Chloro-4-fluorophenyl)amino]-6-[3-(4-morpholinyl)propoxy]-7-quinazolinol



847949-49-9

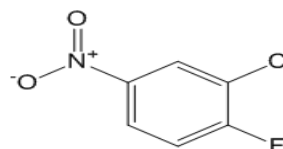
## Gefitinib

ACI 071911 **Gefitinib Impurity:** 3,4 Dichloro nitrobenzene



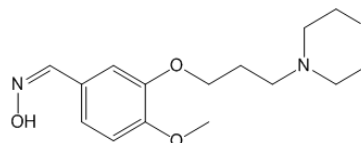
99-54-7

ACI 071912 **Gefitinib Impurity :** 3-Chloro-4-fluro-nitribenzene



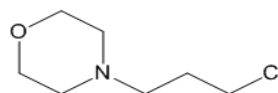
350-30-1

ACI 071913 **Gefitinib Impurity :** (Z)-N-hydroxy-1-(4-methoxy-3-[3-(morpholin-4-yl)propoxy] phenyl)methanamine



na

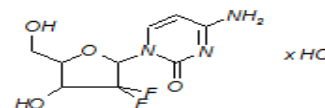
ACI 071914 **Gefitinib Impurity:** 4-(3-Chloropropyl)morpholine



7357-67-7

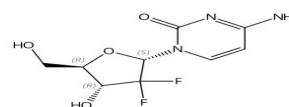
## Gemcitabine

ACI 070200 **Gemcitabine Hydrochloride:** -



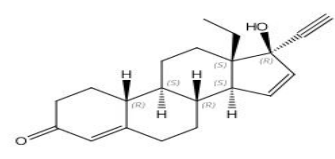
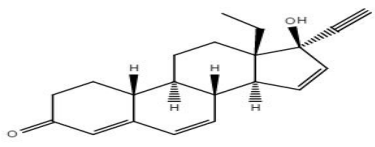
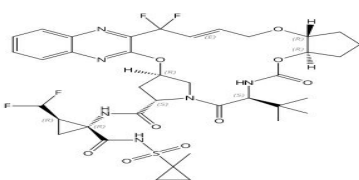
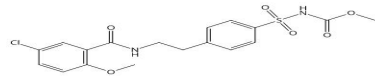
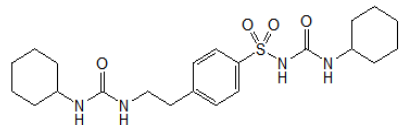
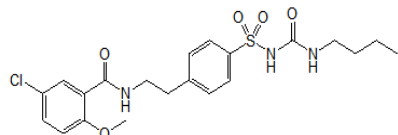
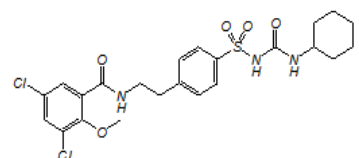
122111-03-9

ACI 070202 **Gemcitabine Hydrochloride Imp.B (EP):** 4-amino-1-(2-deoxy-2,2-difluoro- $\alpha$ -D-erythro-pentofuranosyl)pyrimidin-2(1H)-one (gemcitabine  $\alpha$ -anomer)

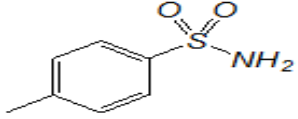
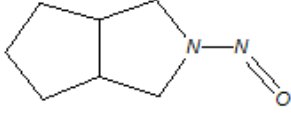
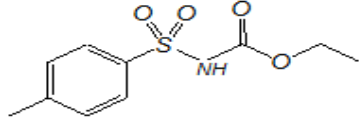
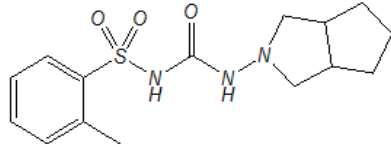
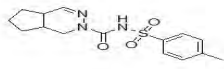
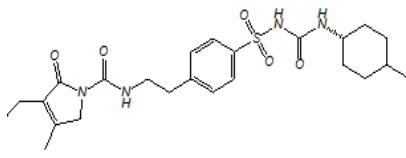
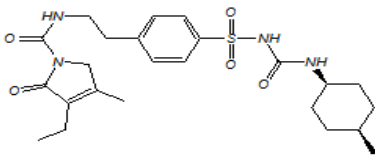


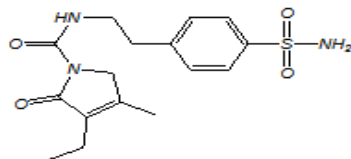
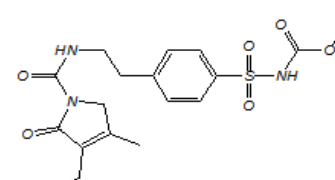
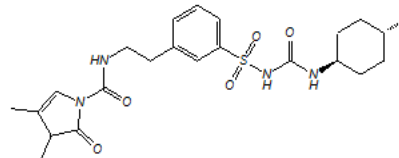
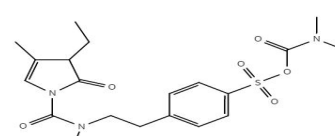
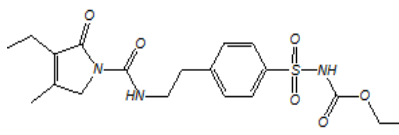
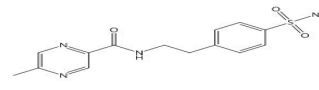
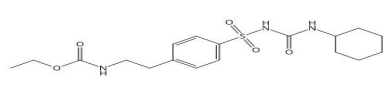
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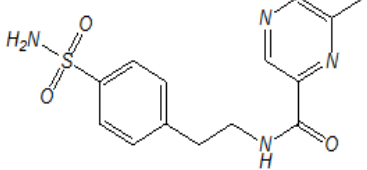
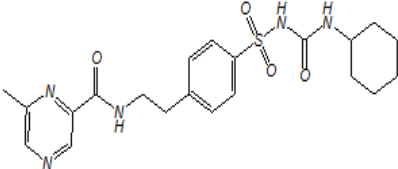
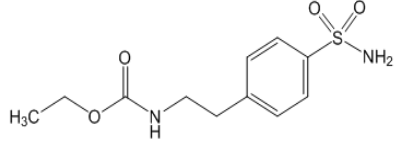
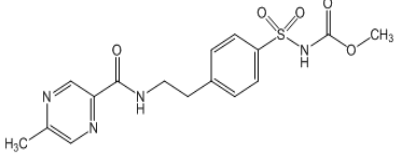
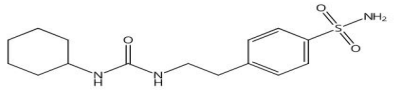
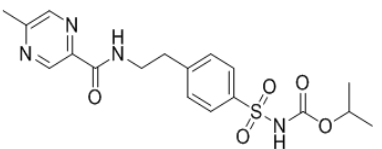
## Gestodene

Code	Product Name	Structure	CAS No.
ACI 071600	<b>Gestodene:</b> 13-Ethyl-17-hydroxy-18,19-dinor-17a-pregna-4,15-dien-20-yn-3-one		60282-87-3
ACI 071601	<b>Gestodene Imp. A (EP):</b> 13-ethyl-17-hydroxy-18,19-dinor-17a-pregna-4,6,15-trien-20-yn-3-one		NA
<b>Glecaprevir</b>			
ACI 072100	<b>Glecaprevir:</b> (3aR,7S,10S,12R,21E,24aR)-7-tert-Butyl-N-((1R,2R)-2-(difluoromethyl)-1-((1-methylcyclopropane-1-sulfonyl)carbamoyl)cyclopropyl)-20,20-difluoro-5,8-dioxo-2,3,3a,5,6,7,8,11,12,20,23,24a-dodecahydro-1H,10H-9,12-methanocyclopenta(18,19)(1,10,17,3,6)trioxadiazacyclonadecino(11,12-b)quinoxaline-10-carboxamide		1365970-03-1
<b>Glibenclamide</b>			
ACI 070302	<b>Glibenclamide Imp. B(EP):</b> methyl [[4-[2-[(5-chloro-2-methoxybenzoyl)amino]ethyl]phenyl]sulfonyl]carbamate		21165-77-5
ACI 070303	<b>Glibenclamide Imp. C (Ph. Eur.):</b> 1-[[4-[2-[(Cyclohexylcarbamoyl)amino]ethyl]phenyl]sulfonyl]-3-cyclohexylurea		10079-35-3
ACI 070304	<b>Glibenclamide Imp. D (Ph. Eur.):</b> 1-[[4-[2-[(5-Chloro-2-methoxybenzoyl)amino]ethyl]phenyl]sulfonyl]-3-butylurea		38160-73-5
ACI 070305	<b>Glibenclamide Imp. E (Ph. Eur.):</b> 1-[[4-[2-[(3,5-Di-chloro-2-methoxybenzoyl)amino]ethyl]phenyl]sulfonyl]-3-cyclohexyl urea		57334-89-1

**Gliclazide**

Code	Product Name	Structure	CAS No.
ACI 070401	<b>Gliclazide Imp. A (EP):</b> 4-Methylbenzenesulphonamide		70-55-3
ACI 070402	<b>Gliclazide Imp. B (EP):</b> 2-Nitroso-octahydrocyclopenta [c] pyrrole		54786-86-6
ACI 070403	<b>Gliclazide Imp. C (EP):</b> Ethyl [(4-methylphenyl)sulfonyl carbamate		5577-13-9
ACI 070406	<b>Gliclazide Imp. F (EP):</b> 1-(hexahydrocyclopenta[cpyrrol-2 (1H)-yl)-3-[(2-methylphenyl)sulfonyl]urea		107698-18-9
ACI 070407	<b>Gliclazide Imp. G (EP):</b> N-[(4-methylphenyl) sulfonyl]-1, 4a, 5, 6, 7, 7a-hexahydro-2H-cyclopenta[d]pyridazine-2-carboxamide		NA
<b>Glimepiride</b>			
ACI 070900	<b>Glimepiride:</b> 1-[[4-[2-(3-Ethyl-4-methyl-2-oxo-3-pyrroline-1-carboxamido)-ethyl]phenyl]sulfonyl]-3-trans-(4-methyl cyclohexyl)urea		93479-97-1
ACI 070901	<b>Glimepiride Imp. A (EP):</b> 1-[[4-[2-[[[(3-ethyl-4-methyl-2-oxo-2,3-dihydro-1H-pyrrol-1-yl)carbonylamino]ethyl]phenyl]sulfonyl]-3-(cis-4-methylcyclohexyl)urea		684286-46-2

Code	Product Name	Structure	CAS No.
ACI 070902	<b>Glimepiride Imp. B (EP):</b> 3-Ethyl-4-methyl-2-oxo-N-[2-(4-sulfamoylphenyl)ethyl]-2,3-dihydro-1H-pyrrole-1-carboxamide		119018-29-0
ACI 070903	<b>Glimepiride Imp. C (EP):</b> methyl [[4-[2-[[[(3-ethyl-4-methyl-2-oxo-2,3-dihydro-1H-pyrrol-1-yl)carbonylamino]ethyl]phenyl]sulfonyl]carbamate		119018-30-3
ACI 070904	<b>Glimepiride Imp. D (EP):</b> 1-[[3-[2-[[[(3-Ethyl-4-methyl-2-oxo-2,3-dihydro-1H-pyrrol-1-yl) carbonyl] amino] ethyl]-phenyl]sulfonyl]-3-(trans-4-methylcyclohexyl)urea		791104-62-6
ACI 070921	<b>Glimepiride Impurity:</b> Methyl [[4-[2-[[[(3-ethyl-4-methyl-2-oxo-2,3-dihydro-1H-pyrrol-1-yl) carbonyl] amino] ethyl] phenyl] sulphonyl] methylcarbamate(Glimepiride N-Methyl Ester Impurity)		NA
ACI 070922	<b>Glimepiride Impurity:</b> N-[[4-[2-[[[(3-ethyl-2,5-dihydro-4-methyl-2-oxo-1H-pyrrol-1-yl)carbonyl]amino]ethyl]phenyl]sulfonyl]-Carbamic acid ethyl ester(Glimepiride Ethyl Ester Impurity)		318515-70-7
<b>Glipizide</b>			
ACI 071801	<b>Glipizide Imp. A(EP):</b> 5-methyl-N-[2-(4-sulfamoylphenyl)ethyl]pyrazine-2-carboxamide		33288-71-0
ACI 071803	<b>Glipizide Imp. C(EP):</b> ethyl [2-[4-[(cyclohexylcarbamoyl)sulfamoyl]phenyl]ethyl]carbamate		13554-93-3

Code	Product Name	Structure	CAS No.
ACI 071804	<b>Glipizide Imp. D (EP):</b> 6-methyl-N-[2-(4-sulfamoylphenyl)ethyl]pyrazine-2-carboxamide		1346600-54-1
ACI 071805	<b>Glipizide Imp. E (EP):</b> 1-cyclohexyl-3-[[4-[2-[[[(6-methylpyrazin-2-yl)carbonyl]amino]ethyl]phenyl]sulfonyl]urea		66375-96-0
ACI 071806	<b>Glipizide Imp. F (EP):</b> Ethyl [2-(4-sulfamoylphenyl)ethyl]carbamate		192118-08-4
ACI 071807	<b>Glipizide Imp. G (EP):</b> Methyl [[4-[2-[[[(5-methylpyrazin-2-yl)carbonyl]amino] ethyl]phenyl] sulfonyl]carbamate		33288-74-3
ACI 071808	<b>Glipizide Imp. H (EP):</b> 4-[2-[(cyclohexylcarbamoyl)amino]ethyl] benzenesulfonamide		10080-05-4
ACI 071821	<b>Glipizide Impurity:</b> Isopropyl (4-(2-(5-Methylpyrazine-2-carboxamido)ethyl)phenyl)sulfonylcarbamate [Glipizide Isopropyl Carbamate]		NA

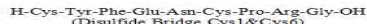
## Glu4-

ACI 221811 **Glu4- Vasopressin:** Cys-Tyr-Phe-Glu-Asn-Cys-Pro-Arg-Gly-NH<sub>2</sub> (Disulfide Bridge Cys1&Cys6)

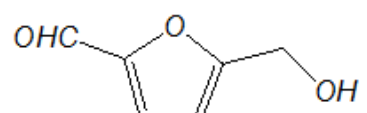
Cys-Tyr-Phe-Glu-Asn-Cys-Pro-Arg-Gly-NH<sub>2</sub>  
[Disulfide Bridge Cys1&Cys6]

NA

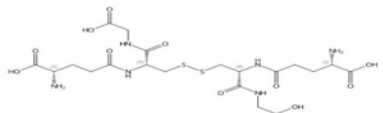
## Glu4Gly9-vasopressin

Code	Product Name	Structure	CAS No.
ACI 221817	<b>Glu4Gly9-vasopressin:</b> H-Cys-Tyr-Phe-Glu-Asn-Cys-Pro-Arg-Gly-OH (Disulfide Bridge Cys1&Cys6)		NA

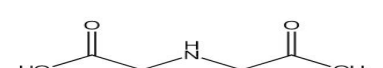
## Glucoasamine

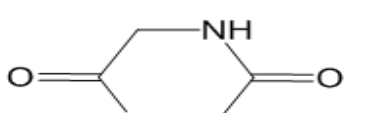
ACI 071405	<b>Glucoasamine Imp. E(EP):</b> 5-(hydroxymethyl)furan-2-carbaldehyde		67-47-0
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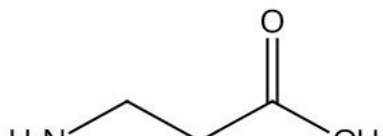
## Glutathione

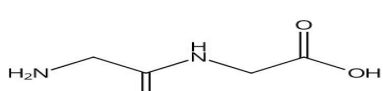
ACI 072203	<b>Glutathione Imp.C(EP):</b> bis(L-γ-glutamyl-L-cysteinylglycine) disulfide (L-glutathione oxidised)		27025-41-8
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## Glycine

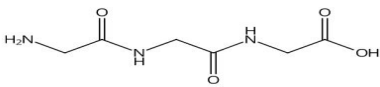

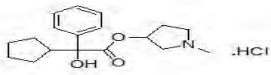
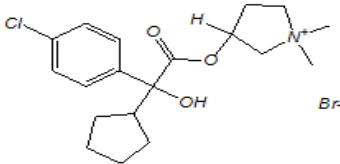
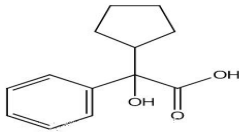
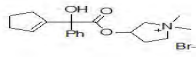
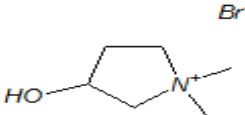
ACI 071701	<b>Glycine Imp. A (EP):</b> 2,2'-iminodiacetic acid (Iminodiacetic Acid)		142-73-4
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ACI 071702	<b>Glycine Imp. B (EP):</b> Piperazine-2,5-dione (Glycine anhydride)		106-57-0
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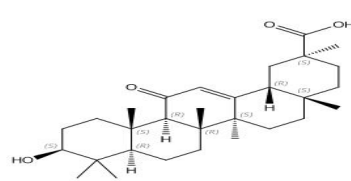
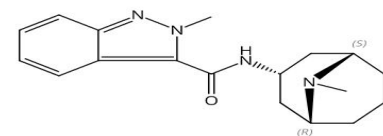
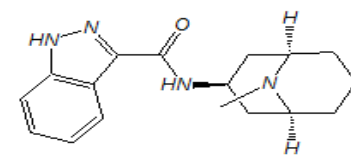
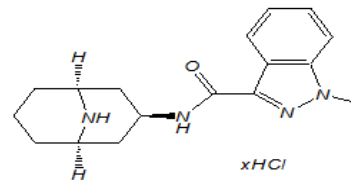
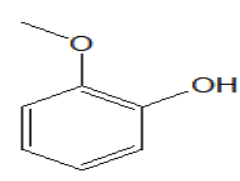
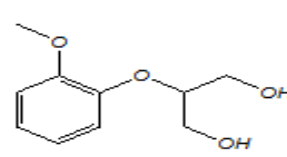
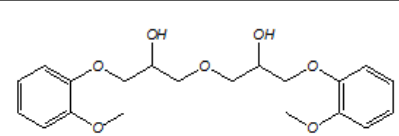
ACI 071705	<b>Glycine Imp. E (EP):</b> 3-aminopropanoic acid (β-alanine)		107-95-9
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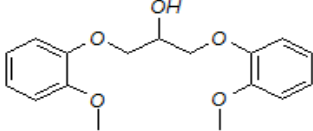
ACI 071708	<b>Glycine Imp. H (EP):</b> 2-[(2-aminoacetyl)amino]acetic acid (diglycine)		556-50-3
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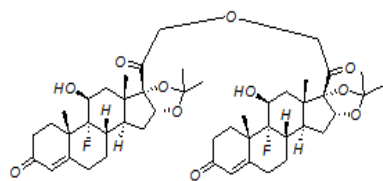
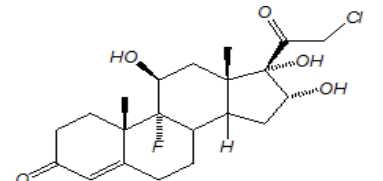
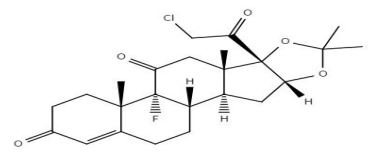
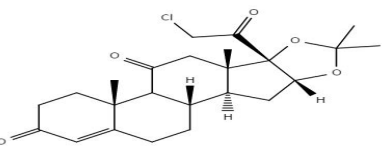
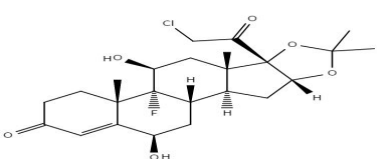
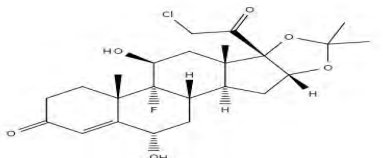
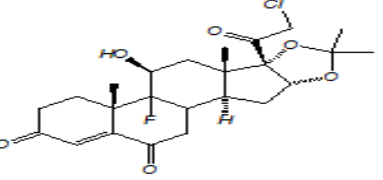


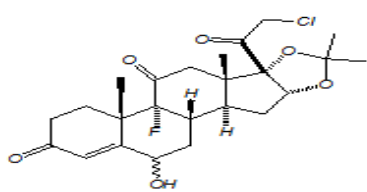
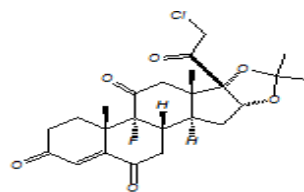
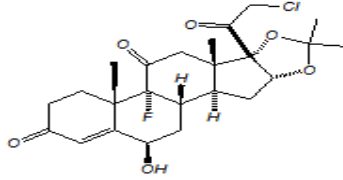
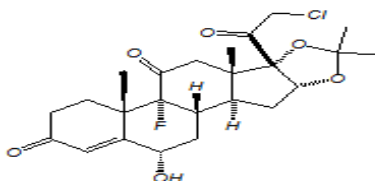
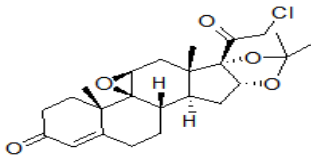
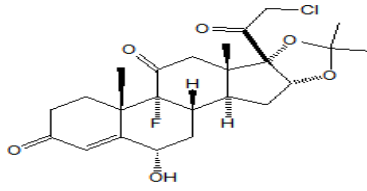
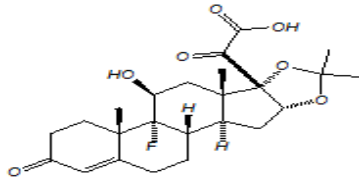
Code	Product Name	Structure	CAS No.
ACI 071709	<b>Glycine Imp. I (EP):</b> 2-[[2-[(2-aminoacetyl)amino]acetyl]amino]acetic acid (triglycine)		556-33-2
ACI-071705	<b>Glycine Imp. E (EP):</b> 3-Aminopropanoic acid (β-alanine)		107-95-9
<b>Glycopyrronium</b>			
ACI 071107	<b>Glycopyrronium bromide Imp. G (EP) as Hydrochloride:</b> 1-methylpyrrolidin-3-yl 2-cyclopentyl-2-hydroxy-2-phenylacetate hydrochloride		NA
ACI 071109	<b>Glycopyrronium bromide Imp. I (EP):</b> (3RS)-3-[(2SR)-(2-(4-chlorophenyl)-2-cyclopentyl-2-hydroxyacetyl)oxy]-1,1-dimethylpyrrolidinium		1404453-68-4
ACI 071110	<b>Glycopyrronium bromide Imp. J (EP):</b> (2RS)-2-cyclopentyl-2-hydroxy-2-phenylacetic acid		427-49-6
ACI 071121	<b>Glycopyrronium bromide Impurity as bromide:</b> 3-[(Cyclopentenyl-hydroxyphenylacetyl)-oxy]-1,1-dimethylpyrrolidinium bromide (Dehydro Glycopyrrole bromide)		NA
ACI 071122	<b>Glycopyrronium bromide Impurity:</b> 1,1-Dimethyl-3-hydroxypyrrrolidinium Bromide		51052-74-5

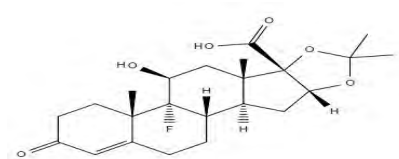
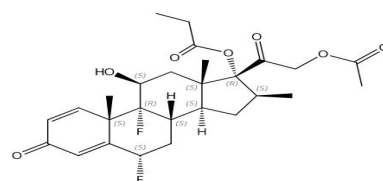
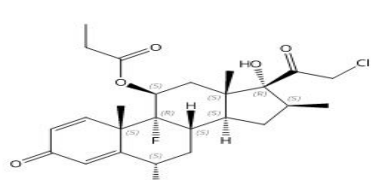
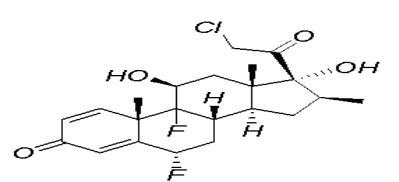
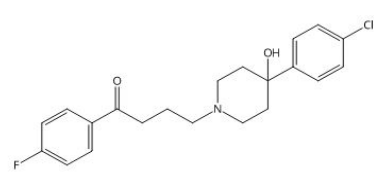
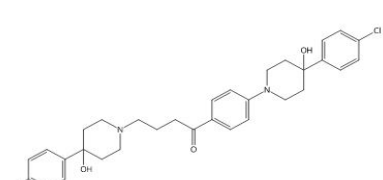
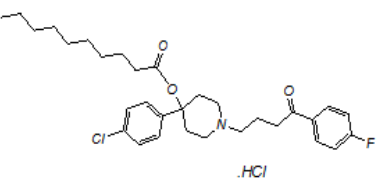
**Glycyrrhetic**

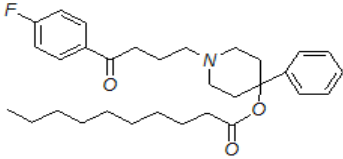
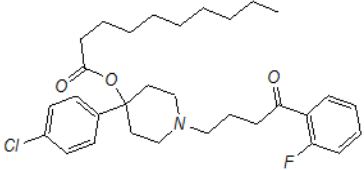
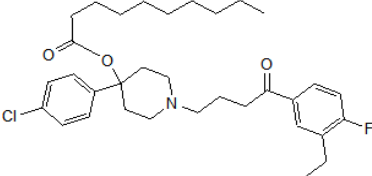
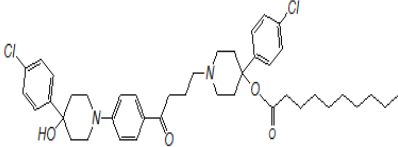
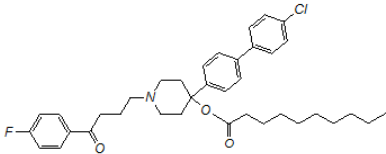
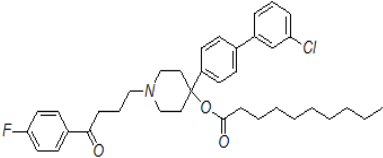
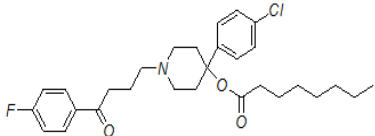
Code	Product Name	Structure	CAS No.
ACI 071900	<b>Glycyrrhetic acid:</b> (3 $\beta$ ,20 $\beta$ )-3-Hydroxy-11-oxoolean-12-en-29-oic Acid		471-53-4
<b>Granisetron</b>			
ACI 071001	<b>Granisetron Hydrochloride Imp. A (EP):</b> 2-Methyl-N-[(1R,3r,5S)-9-methyl-9-azabicyclo[3.3.1]non-3-yl]-2H-indazole-3-carboxamide		127472-42-8
ACI 071002	<b>Granisetron Hydrochloride Imp. B (EP):</b> N-[(1R,3r,5S)-9-methyl-9-azabicyclo[3.3.1]non-3-yl]-1H-indazole-3-carboxamide		107007-95-4
ACI 071003	<b>Granisetron Hydrochloride Imp. C (EP)as hydrochloride):</b> N-[(1R,3r,5S)-9-azabicyclo[3.3.1]non-3-yl]-1-methyl-1H-indazole-3-carboxamide hydrochloride		141136-01-8
<b>Guaifenesin</b>			
ACI 070601	<b>Guaifenesin Imp. A (EP):</b> 2-methoxyphenol		90-05-1
ACI 070602	<b>Guaifenesin Imp. B (EP):</b> 2-(2-methoxyphenoxy)propane-1,3-diol		14007-09-1
ACI 070603	<b>Guaifenesin Imp. C (EP):</b> 1,1'-oxybis[3-(2-methoxyphenoxy)propan-2-ol]		1797132-23-0

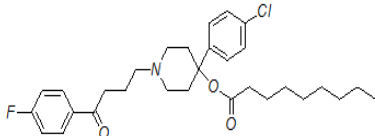
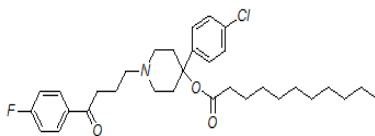
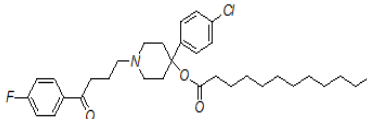
Code	Product Name	Structure	CAS No.
ACI 070604	<b>Guaifenesin Imp. D (EP):</b> 1,3-bis(2-methoxyphenoxy)propan-2-ol		16929-60-5

Code	Product Name	Structure	CAS No.
<b>Halcinonide</b>			
ACI 081811	<b>Halcinonide Impurity:</b> 1,2-dihydrotriamcinolone 16,17-acetonide dimer		n/a
ACI 081812	<b>Halcinonide Impurity:</b> 21-chloro, 11 $\beta$ ,16 $\alpha$ ,17 $\alpha$ -Trihydroxy-9 $\alpha$ -fluoropregn-4-ene-3,20-dione		982-91-2
ACI 081813	<b>Halcinonide Impurity:</b> 21-chloro,16 $\alpha$ ,17 $\alpha$ -dihydroxy-9 $\alpha$ -fluoropregn-4-ene-3,11,20-trione16,17-acetonide (11-keto halcinonide)		NA
ACI 081814	<b>Halcinonide Impurity:</b> 21-chloro,16 $\alpha$ ,17 $\alpha$ -dihydroxy, pregn-4-ene-3,11,20-trione16,17-acetonide		NA
ACI 081815	<b>Halcinonide Impurity:</b> 6 $\beta$ ,11 $\beta$ ,16 $\alpha$ ,17 $\alpha$ -tetrahydroxy, 21-chloro, 9 $\alpha$ -fluoropregn-4-ene-3,20-dione16,17-acetonide		NA
ACI 081816	<b>Halcinonide Impurity:</b> 6 $\alpha$ ,11 $\beta$ ,16 $\alpha$ ,17 $\alpha$ -tetrahydroxy,21-chloro,9 $\alpha$ -fluoropregn-4-ene-3,20-dione16,17-acetonide		NA
ACI 081817	<b>Halcinonide Impurity:</b> 11 $\beta$ ,16 $\alpha$ ,17 $\alpha$ -trihydroxy,21-chloro, 9 $\alpha$ -fluoropregn-4-ene-1,3,20-trione16,17-acetonide		n/a

Code	Product Name	Structure	CAS No.
ACI 081819	<b>Halcinonide Impurity:</b> 6 $\alpha$ / $\beta$ ,16 $\alpha$ ,17 $\alpha$ -trihydroxy,21-chloro,9 $\alpha$ -fluoropregn-4-ene-3,11,20-trione16,17-acetonide		n/a
ACI 081820	<b>Halcinonide Impurity:</b> 16 $\alpha$ ,17 $\alpha$ -dihydroxy, 21-chloro, 9 $\alpha$ -fluoropregn-4-ene-3,6,11,20-tetraone16,17-acetonide		n/a
ACI 081821	<b>Halcinonide Impurity:</b> 21-chloro, 6 $\beta$ , 16 $\alpha$ ,17 $\alpha$ -trihydroxy, pregn-4-ene-3,11,20-trione 16,17-acetonide		n/a
ACI 081822	<b>Halcinonide Impurity:</b> 21-chloro, 6 $\alpha$ ,16 $\alpha$ ,17 $\alpha$ -trihydroxy, pregn-4-ene-3,11,20-trione 16,17-acetonide		n/a
ACI 081823	<b>Halcinonide Impurity:</b> Pregn-4-ene-3,20-dione, 21-chloro-9,11-epoxy-16,17-[(1-methylethylidene)bis(oxy)], (9 $\beta$ ,11 $\beta$ ,16 $\alpha$ )		82427-96-1
ACI 081824	<b>Halcinonide Impurity(Hydrated form):</b> (11 $\beta$ ,16 $\alpha$ )-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-3,20-dioxo-pregn-4-en-21-al		n/a
ACI 081825	<b>Halcinonide Impurity:</b> (11 $\beta$ ,16 $\alpha$ ) 9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-3,20-dioxo-pregn-4-en-21-oic acid		80262-32-4

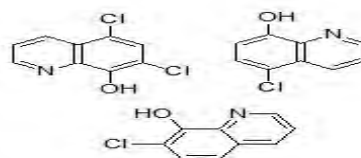
Code	Product Name	Structure	CAS No.
ACI 081826	<b>Halcinonide Impurity:</b> Androst-4-ene-17-carboxylic acid, 9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-3-oxo-,(6a,11 $\beta$ ,16a,17a)		NA
<b>Halobetasol</b>			
ACI 081911	<b>Halobetasol Propionate Impurity:</b> (6a,11 $\beta$ ,16 $\beta$ )-21-(Acetyloxy)-6,9-difluoro-11-hydroxy-16-methyl-17-(1-oxopropoxy)pregna-1,4-diene-3,20-dione		79861-38-4
ACI 081912	<b>Halobetasol Propionate Impurity:</b> (11 $\beta$ )-21-Chloro-6,9-difluoro-17-hydroxy-16-methyl-11-(1-oxopropoxy)pregna-1,4-diene-3,20-dione		181527-42-4
ACI 081913	<b>Halobetasol Impurity:</b> 21-Chloro diflorasone: -		-
<b>Haloperidol</b>			
ACI 081100	<b>Haloperidol:</b> 4-[4-(4-Chlorophenyl)-4-hydroxypiperidin-1-yl]-1-(4-fluorophenyl)butan-1-one.		52-86-8
ACI 081104	<b>Haloperidol Imp. D (EP):</b> 4-[4-(4-chlorophenyl)-4-hydroxypiperidin-1-yl]-1-[4-[4-(4-chlorophenyl)-4-hydroxypiperidin-1-yl]phenyl]butan-1-one		67987-08-0
ACI 081400	<b>Haloperidol decanoate hydrochloride:</b> 4-(4-Chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl decanoate hydrochloride.		83863-76-7

Code	Product Name	Structure	CAS No.
ACI 081401	<b>Haloperidol decanoate Imp. A (EP):</b> 1-[4-(4-fluorophenyl)-4-oxobutyl]-4-phenylpiperidin-4-yl decanoate		1797824-64-6
ACI 081402	<b>Haloperidol decanoate Imp. B (EP):</b> 4-(4-chlorophenyl)-1-[4-(2-fluorophenyl)-4-oxobutyl]piperidin-4-yl decanoate		n/a
ACI 081403	<b>Haloperidol decanoate Imp. C (EP):</b> 4-(4-chlorophenyl)-1-[4-(3-ethyl-4-fluorophenyl)-4-oxobutyl]piperidin-4-yl decanoate		1797982-02-5
ACI 081404	<b>Haloperidol decanoate Imp. D (EP):</b> 4-(4-chlorophenyl)-1-[4-[4-[4-(4-chlorophenyl)-4-hydroxypiperidin-1-yl]phenyl]-4-oxobutyl]piperidin-4-yl decanoate		1797008-46-8
ACI 081405	<b>Haloperidol decanoate Imp. E (EP):</b> 4-(4'-chlorobiphenyl-4-yl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl decanoate		1796933-22-6
ACI 081406	<b>Haloperidol decanoate Imp. F (EP):</b> 4-(3'-chlorobiphenyl-4-yl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl decanoate		1797131-50-0
ACI 081408	<b>Haloperidol decanoate Imp. H (EP):</b> 4-(4-chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl octanoate		1134807-34-3

Code	Product Name	Structure	CAS No.
ACI 081409	<b>Haloperidol decanoate Imp. I (EP):</b> 4-(4-chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl nonanoate		n/a
ACI 081410	<b>Haloperidol decanoate Imp. J (EP):</b> 4-(4-chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl undecanoate		1797983-18-6
ACI 081411	<b>Haloperidol decanoate Imp. K (EP):</b> 4-(4-chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]piperidin-4-yl dodecanoate		65135-24-2

## Halquinol

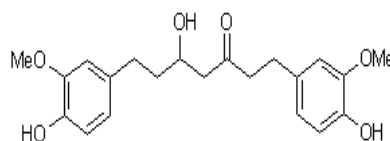
ACI 081600 **Halquinol:** Mixture of 5,7-Dichloroquinolin-8-ol (71.17%) + 5-Chloroquinolin-8-ol (26.47%) + 7-Chloroquinolin-8-ol (2.25%)



NA

## Hexahydro

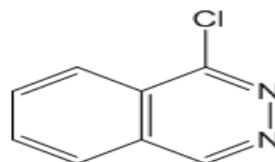
ACI 030702 **Hexahydro curcumin:** (RS)-5-Hydroxy-1,7-bis(4-hydroxy-3-methoxyphenyl)-3-heptanone



36062-05-2

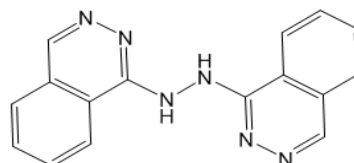
## Hydralazine

ACI 081711 **Hydralazine Hydrochloride Impurity:** 1-Chlorophthalazine



5784-45-2

ACI 081712 **Hydralazine Hydrochloride Impurity:** 1-(2-phthalazin-1-ylhydrazino)phthalazine (Dimer)

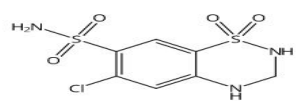


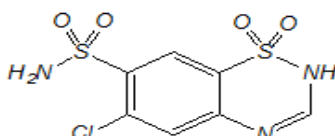
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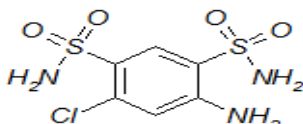


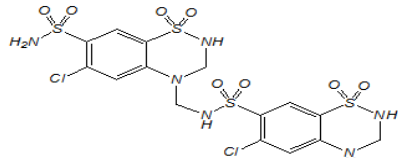
Code	Product Name	Structure	CAS No.
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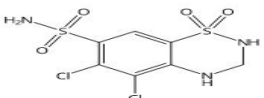
### Hydrochlorothiazide

ACI 080200	<b>Hydrochlorothiazide:</b> 6-Chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide		58-93-5
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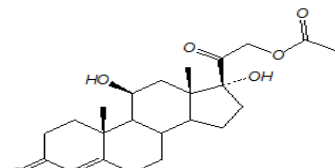
ACI 080201	<b>Hydrochlorothiazide Imp.A (EP):</b> 6-chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide		58-94-6
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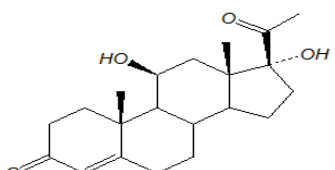
ACI 080202	<b>Hydrochlorothiazide Imp. B (EP):</b> 4-Amino-6-chlorobenzene-1,3-disulphonamide		121-30-2
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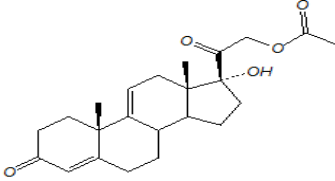
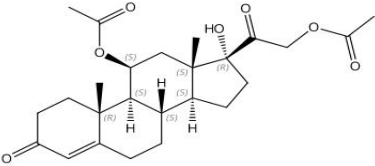
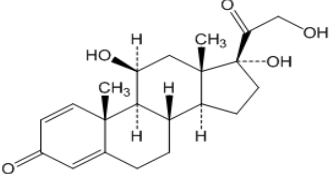
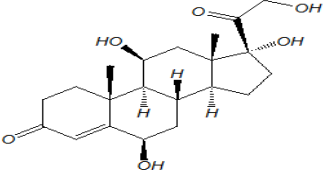
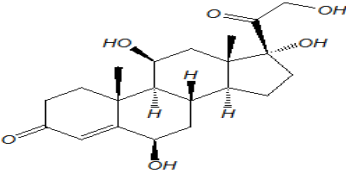
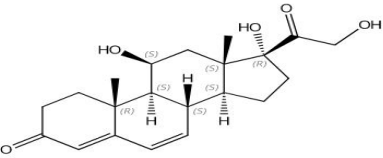
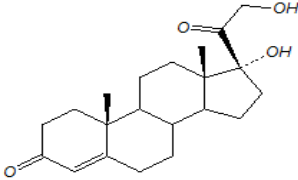
ACI 080203	<b>Hydrochlorothiazide Imp. C (EP):</b> 6-chloro-N-(6-chloro-7-sulfamoyl-2,3-dihydro-4H-1,2,4-benzothiazin-4-yl 1,1-dioxide)methyl-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide		402824-96-8
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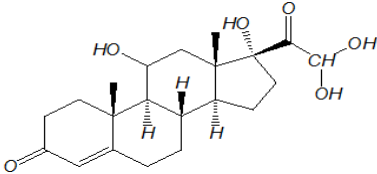
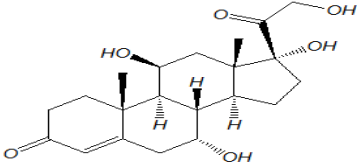
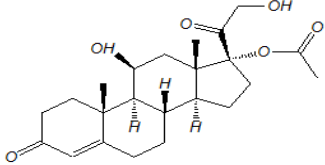
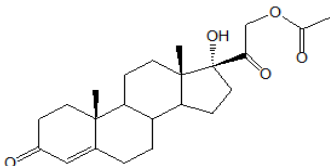
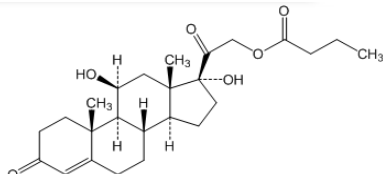
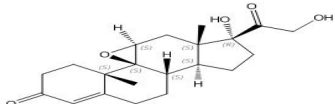
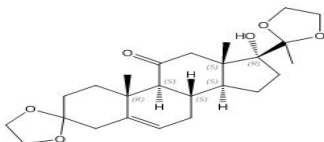
ACI 080211	<b>Hydrochlorothiazide Impurity:</b> 5,6-Dichloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-Dioxide(5-Chloro Hydrochlorothiazide)		5233-42-1
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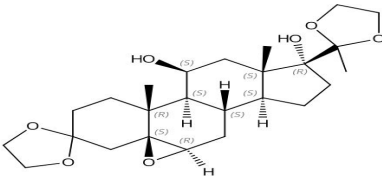
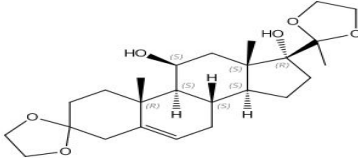
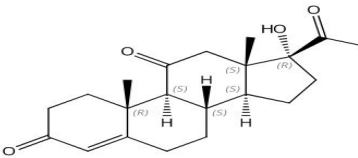
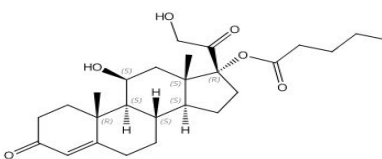
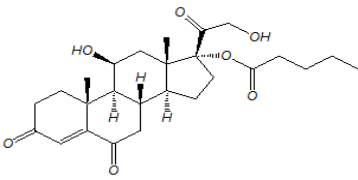
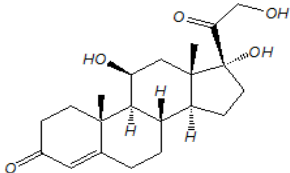
### Hydrocortisone

ACI 080900	<b>Hydrocortisone acetate:</b> 11β,17-dihydroxy-3,20-dioxopreg-4-en-21-yl acetate		50-03-3
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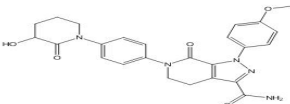
ACI 080902	<b>Hydrocortisone acetate Imp.B (EP):</b> 11β,17-dihydroxy pregn-4-ene-3,20-dione		641-77-0
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Code	Product Name	Structure	CAS No.
ACI 080905	<b>Hydrocortisone acetate Imp.E (EP):</b> 17-Hydroxy-3,20-dioxopregna-4,9(11)-dien-21-yl acetate		7753-60-8
ACI 080907	<b>Hydrocortisone acetate Imp.G (EP):</b> 17-Hydroxy-3,20-dioxopregn-4-ene-11 $\beta$ ,21-diyl diacetate		81968-66-3
ACI 080501	<b>Hydrocortisone Imp. A (EP):</b> 11 $\beta$ ,17,21-trihydroxypregna-1,4-diene-3,20-dione		50-24-8
ACI 080502	<b>Hydrocortisone Imp. B (EP):</b> 17,21-dihydroxypregn-4-ène-3,11,20-trione		53-06-5
ACI 080504	<b>Hydrocortisone Imp. D (EP):</b> 6 $\beta$ ,11 $\beta$ ,17,21-tetrahydroxypregn-4-ene-3,20-dione		53-35-0
ACI 080505	<b>Hydrocortisone Imp. E (EP):</b> 11 $\beta$ ,17,21-trihydroxypregna-4,6-diene-3,20-dione		600-99-7
ACI 080506	<b>Hydrocortisone Imp. F (EP):</b> 17,21-Dihydroxypregn-4-ene-3,20-dione		152-58-9

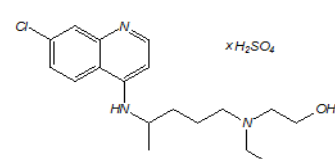
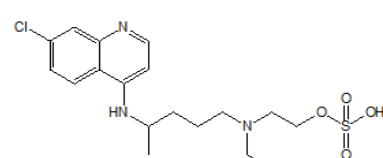
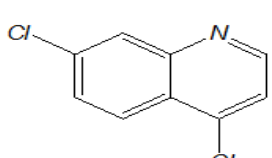
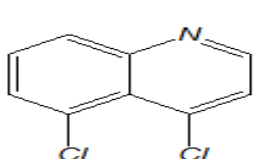
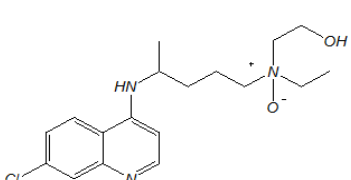
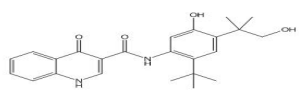
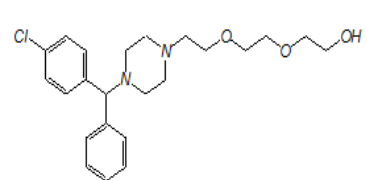
Code	Product Name	Structure	CAS No.
ACI 080507	<b>Hydrocortisone Imp. G (EP):</b> 11 $\beta$ ,17-dihydroxy-3,20-dioxopregn-4-en-21-al		68473-77-8
ACI 080508	<b>Hydrocortisone Imp. H (EP):</b> 7 $\alpha$ ,11 $\beta$ ,17,21-tetrahydroxy pregn-4-ene-3,20-dione		n/a
ACI 080510	<b>Hydrocortisone Imp. J (EP):</b> 11 $\beta$ ,21-dihydroxy-3,20-dioxopregn-4-en-17-yl acetate		16463-74-4
ACI 080511	<b>Hydrocortisone Imp. K (EP):</b> 17-hydroxy-3,20-dioxopregn-4-en-21-yl acetate		640-87-9
ACI 080521	<b>Hydrocortisone Impurity:</b> (11 $\beta$ )-11,17-Dihydroxy-21-(1-oxobutoxy)pregn-4-ene-3,20-dione.(Hydrocortisone 21-Butyrate)		6677-99-2
ACI 080522	<b>Hydrocortisone 9(11)-epoxide:</b> (9 $\beta$ ,11 $\beta$ )-9,11-Epoxy-17,21-dihydroxypregn-4-ene-3,20-dione		10072-97-6
ACI 080524	<b>Hydrocortisone Impurity:</b> Pregn-5-ene-3,11,20-trione, 17-hydroxy-, cyclic 3,20-bis(1,2-ethanediyl acetal)		74332-34-6

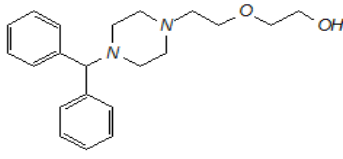
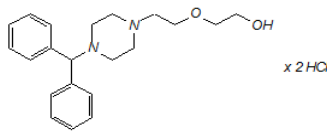
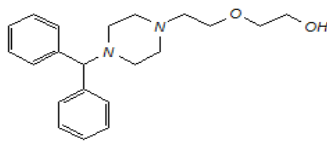
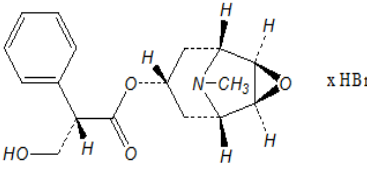
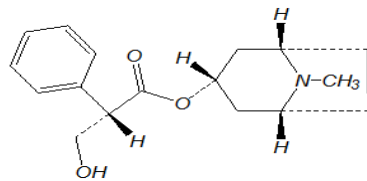
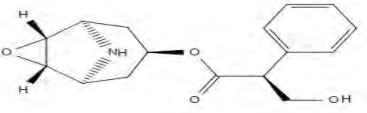
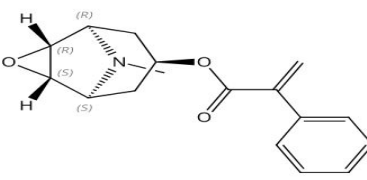
Code	Product Name	Structure	CAS No.
ACI 080525	<b>Hydrocortisone Impurity:</b> 5 $\beta$ -Pregnane-3,20-dione, 5,6 $\beta$ -epoxy-11 $\beta$ ,17-dihydroxy-, cyclic bis(ethylene acetal) (6Cl)		117888-53-6
ACI 080526	<b>Hydrocortisone Impurity:</b> (11 $\beta$ )-Pregn-5-ene-3,20-dione, 11,17-dihydroxy-, cyclic bis(1,2-ethanediyl acetal)		41870-77-3
ACI 080527	<b>Hydrocortisone Impurity:</b> 17 $\alpha$ -Hydroxypregn-4-ene-3,11,20-trione		1882-82-2
ACI 081500	<b>Hydrocortisone valerate:</b> 11 $\beta$ ,21-Dihydroxy-17 $\alpha$ -valeryloxy-4-pregnene-3,20-dione		57524-89-7
ACI 081511	<b>Hydrocortisone Valerate Impurity :</b> (8S,9S,10R,11S,13S,14S,17R)-11-hydroxy-17-(2-Hydroxyacetyl)-10,13-dimethyl-3,6-dioxo-2,3,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl pentanoate (Hydrocortisone 6-oxo Valerate)		n/a
ACI WS-080500	<b>Hydrocortisone:</b> 11 $\beta$ ,17,21-trihydroxypregn-4-ene-3,20-dione		50-23-7

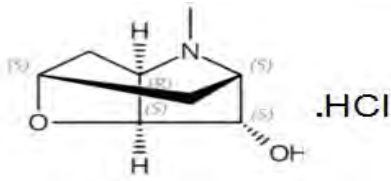
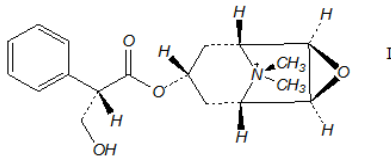
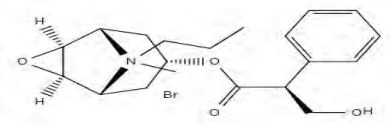
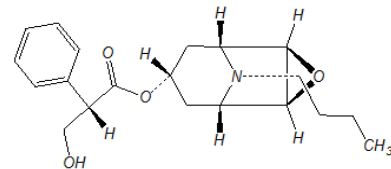
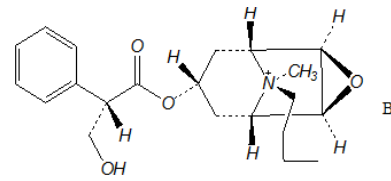
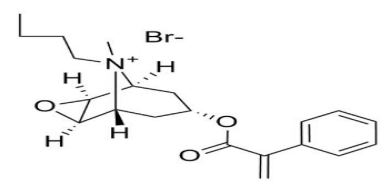
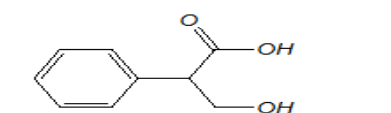
## Hydroxy

ACI 017033	<b>Hydroxy Apixaban:</b> 6-(4-(3-Hydroxy-2-oxopiperidin-1-yl)phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide		2208275-54-9
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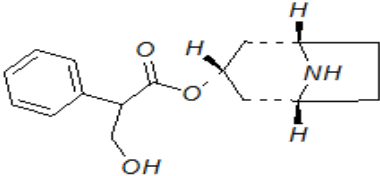
## Hydroxychloroquine

Code	Product Name	Structure	CAS No.
ACI 080400	Hydroxychloroquine sulphate: -		747-36-4
ACI 080402	Hydroxychloroquine sulphate Impurity: Hydroxychloroquine-O-sulphate		103152-84-7
ACI 080403	Hydroxychloroquine sulphate Impurity: 4,7-Dichloroquinoline		86-98-6
ACI 080404	Hydroxychloroquine sulphate Impurity: 4,5-Dichloroquinoline		2167-18-5
ACI 080405	Hydroxychloroquine sulphate Impurity: Hydroxychloroquine N-Oxide		1449223-88-4
<b>Hydroxymethyl</b>			
ACI 092513	Hydroxymethyl Ivacaftor: N-[2-(1,1-Dimethylethyl)-5-hydroxy-4-(2-hydroxy-1,1-dimethylethyl)phenyl]-1,4-dihydro-4-oxo-3-quinolinecarboxamide		1246213-23-9
<b>Hydroxyzine</b>			
ACI 080104	Hydroxyzine Hydrochloride Impurity: 2-2-2-4-(4-chlorophenyl)phenylmethyl-1-piperazinelethoxyethoxyethanol		17692-34-1

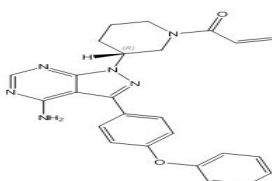
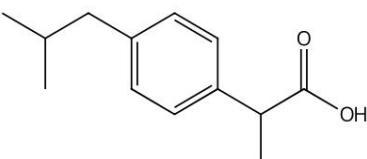
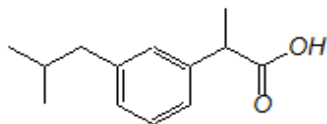
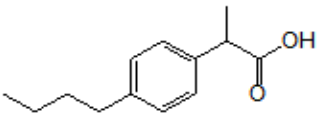
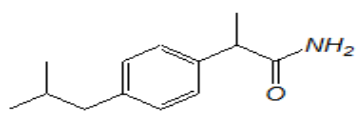
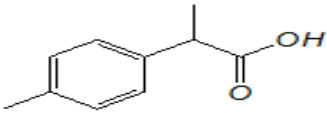
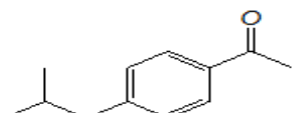
Code	Product Name	Structure	CAS No.
ACI 080111	<b>Hydroxyzine Hydrochloride Imp. B (EP):</b> 2-2-4-(diphenyl methyl)piperazin-1-ylethoxyethanol		3733-63-9
ACI 080102	<b>Hydroxyzine Hydrochloride Imp. B (EP) as Dihydrochloride:</b> 2-2-4-(diphenylmethyl)piperazin-1-yl ethoxyethanol dihydrochloride		13073-96-6
ACI 080102-B	<b>Hydroxyzine Hydrochloride Imp. B (EP):</b> 2-2-4-(diphenyl methyl)piperazin-1-ylethoxyethanol		3733-63-9
<b>Hyoscine</b>			
ACI 080600	<b>Hyoscine hydrobromide:</b> (1R,2R,4S,5S,7s)-9-methyl-3-oxa-9-azatricyclo[3.3.1.0 <sup>2,4</sup> ]non-7-yl (2S)-3-hydroxy-2-phenyl propanoate hydrobromide		114-49-8
ACI 080601	<b>Hyoscine hydrobromide Imp A (EP):</b> (1R,3r,5S)-8-methyl-8-azabicyclo [3.2.1]oct-3-yl (2S)-3-hydroxy-2-phenylpropan -oate		101-31-5
ACI 080602	<b>Hyoscine hydrobromide Imp B (EP):</b> (1R,2R,4S,5S,7s)-3-oxa-9-azatricyclo[3.3.1.0 <sup>2,4</sup> ]non-7-yl (2S)-3-hydroxy-2-phenylpropanoate		4684-28-0
ACI 080603	<b>Hyoscine hydrobromide Imp C (EP):</b> (1R,2R,4S,5S,7s)-9-methyl-3-oxa-9-azatricyclo[3.3.1.0 <sup>2,4</sup> ]non-7-yl 2-phenylprop-2-enoate		535-26-2

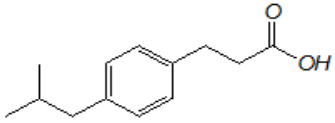
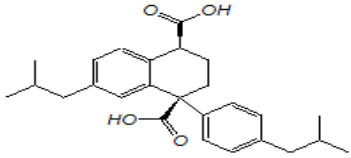
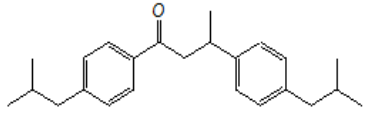
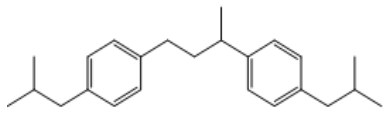
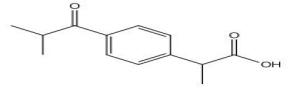
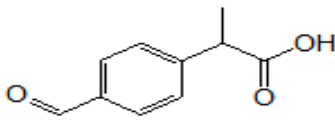
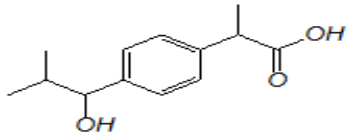
Code	Product Name	Structure	CAS No.
ACI 080611	<b>Hyoscine hydrobromide Impurity: Scopolamine hydrochloride:</b> 2,5-Methano-2H-furo[3,2-b]pyrrol-6-ol, hexahydro-4-methyl-, (2 $\alpha$ ,3 $\alpha$ $\beta$ ,5 $\alpha$ ,6 $\beta$ ,6 $\alpha$ $\beta$ )- hydrochloride		487-27-4
ACI 080703	<b>Hyoscine butylbromide Imp C (EP) as iodide:</b> 1R,2R,4S,5S,7s)-7-(2S)-3-hydroxy-2-phenylpropanoyloxy-9,9-dimethyl-3-oxa-9-azoniatricyclo[3.3.1.0 2,4]nonane iodide		68469-55-6
ACI 080704	<b>Hyoscine butylbromide Imp D (EP) as bromide:</b> (1R,2R,4S,5S,7s,9r)-7-(2S)-3-hydroxy-2-phenylpropanoyl oxy-9-methyl-9-propyl-3-oxa-9-azoniatricyclo [3.3.1.0 2,4]nonane bromide		NA
ACI 080705	<b>Hyoscine butylbromide Imp E (EP):</b> (1R,2R,4S,5S,7s)-9-butyl-3-oxa-9-azatricyclo[3.3.1.0 2,4]nonan-7-yl (2S)-3-hydroxy-2-phenylpropanoate		n/a
ACI 202506	<b>Hyoscine butylbromide Imp F (EP) as bromide:</b> (1R,2R,4S,5S,7s,9s)-9-butyl-7-(2 S)-3-hydroxy-2-phenyl propanoyloxy-9-methyl-3-oxa-9-azoniatricyclo[3.3.1.0 2,4] nonane bromide		n/a
ACI 202507	<b>Hyoscine butylbromide Imp G (EP) as bromide:</b> (1R,2R,4S,5S,7s,9r)-9-butyl-9-methyl-7-(2-phenylprop-2-enyl)oxy- 3-oxa-9-azoniatricyclo[3.3.1.0 2,4]nonane bromide		NA
ACI 202403	<b>Hyoscine hydrobromide Imp D (EP):</b> (2RS)-3-hydroxy-2-phenylpropanoic acid		529-64-6

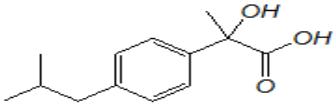
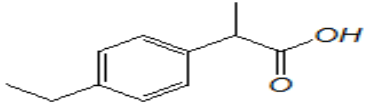
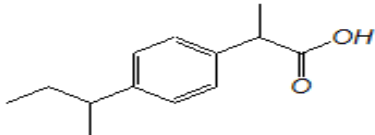
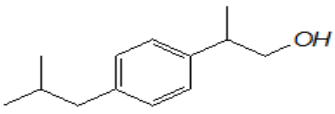
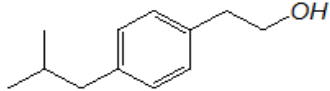
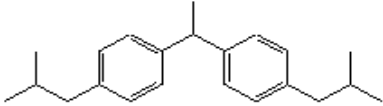
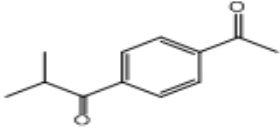
## Hyoscyamine

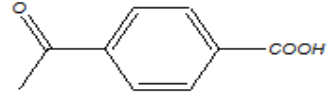
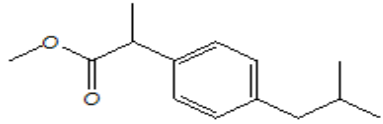
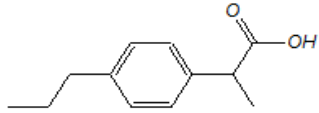
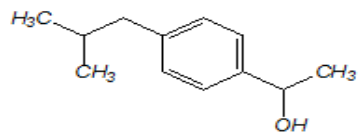
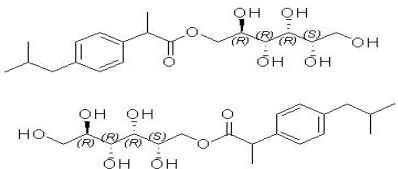
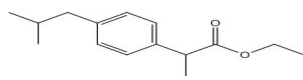
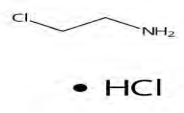
Code	Product Name	Structure	CAS No.
ACI 081205	<b>Hyoscyamine Imp. E (EP):</b> (1R,3r,5S)-8-azabicyclo[3.2.1]oct-3-yl (2S)-3-hydroxy-2-phenylpropanoate (norhyoscyamine)		537-29-1


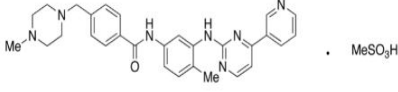
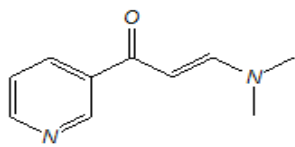
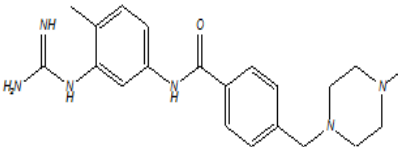
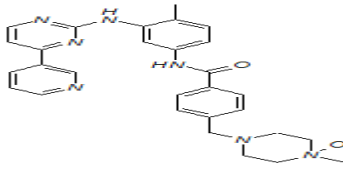
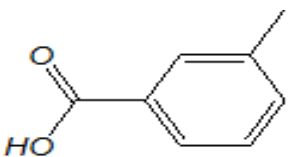
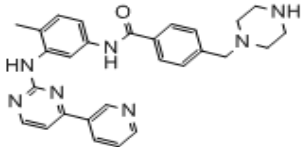


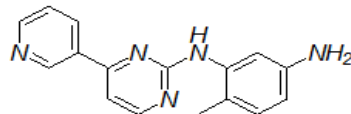
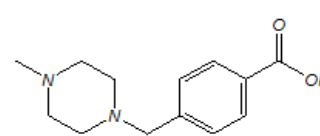
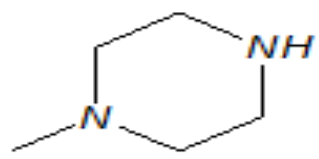
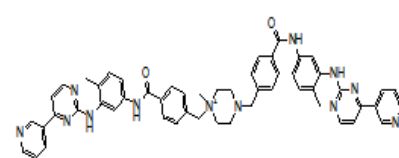
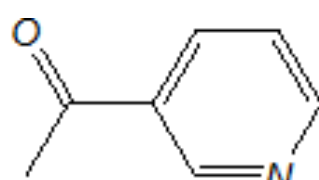
Code	Product Name	Structure	CAS No.
<b>Ibrutinib</b>			
ACI 091800	<b>Ibrutinib:</b> 1-[(3R)-3-[4-amino-3-(4-phenoxyphenyl)pyrazolo[3,4-d]pyrimidin-1-yl]piperidin-1-yl]prop-2-en-1-one		936563-96-1
<b>Ibuprofen</b>			
ACI 090100	<b>Ibuprofen:</b> (2RS)-2-4-(2-Methylpropyl)phenylpropanoic acid		15687-27-1
ACI 090101	<b>Ibuprofen Imp. A (EP):</b> (2RS)-2-3-(2-methylpropyl)phenyl propanoic acid		66622-47-7
ACI 090102	<b>Ibuprofen Imp. B (EP):</b> (2RS)-2-(4-butylphenyl)propanoic acid		3585-49-7
ACI 090103	<b>Ibuprofen Imp. C (EP):</b> (2RS)-2-4-(2-methylpropyl)phenyl propanamide		59512-17-3
ACI 090104	<b>Ibuprofen Imp. D (EP):</b> (2RS)-2-(4-methylphenyl)propanoic acid		938-94-3
ACI 090105	<b>Ibuprofen Imp. E (EP):</b> 1-4-(2-Methylpropyl)phenyl ethanone		38861-78-8

Code	Product Name	Structure	CAS No.
ACI 090106	<b>Ibuprofen Imp. F (EP):</b> 3-4-(2-methylpropyl)phenyl propanoic acid		65322-85-2
ACI 090107	<b>Ibuprofen Imp. G (EP):</b> (1RS,4RS)-7-(2-methylpropyl)-1-4-(2-methylpropyl)phenyl-1,2,3,4-tetrahydronaphthalene-1,4-dicarboxylic acid		1391054-15-1
ACI 090108	<b>Ibuprofen Imp. H (EP):</b> (3RS)-1,3-bis(4-(2-methylpropyl)phenyl)butan-1-one		n/a
ACI 090109	<b>Ibuprofen Imp. I (EP):</b> 1-(2-methylpropyl)-4-(3RS)-3-4-(2-methylpropyl)phenylbutylbenzene		n/a
ACI 090110	<b>Ibuprofen Imp. J (EP):</b> (2RS)-2-4-(2-Methylpropanoyl)phenylpropanoic acid		65813-55-0
ACI 090111	<b>Ibuprofen Imp. K (EP):</b> (2RS)-2-(4-formylphenyl)propanoic acid		43153-07-7
ACI 090112	<b>Ibuprofen Imp. L (EP):</b> 2-4-(1-Hydroxy-2-methylpropyl)phenylpropanoic acid		53949-53-4

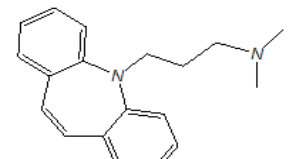
Code	Product Name	Structure	CAS No.
ACI 090113	<b>Ibuprofen Imp. M (EP):</b> (2RS)-2-hydroxy-2-4-(2-methylpropyl)phenylpropanoic acid		60057-62-7
ACI 090114	<b>Ibuprofen Imp. N (EP):</b> (2RS)-2-(4-ethylphenyl)propanoic acid		3585-52-2
ACI 090115	<b>Ibuprofen Imp. O (EP):</b> 2-4-(1-methylpropyl)phenylpropanoic acid		64451-76-9
ACI 090116	<b>Ibuprofen Imp. P (EP):</b> (2RS)-2-4-(2-methylpropyl)phenylpropan-1-ol		36039-36-8
ACI 090117	<b>Ibuprofen Imp. Q (EP):</b> 2-4-(2-methylpropyl)phenylethanol		36039-35-7
ACI 090118	<b>Ibuprofen Imp. R (EP):</b> 1,1'-(ethane-1,1-diyl)-4,4'-(2-methylpropyl)dibenzene.		102120-87-6
ACI 090121	<b>Ibuprofen Impurity:</b> 4-isobutyrylacetophenone		103931-20-0

Code	Product Name	Structure	CAS No.
ACI 090122	<b>Ibuprofen Impurity:</b> 4-Acetylbenzoic acid		586-89-0
ACI 090123	<b>Ibuprofen Impurity:</b> Ibuprofen Methyl Ester		61566-34-5
ACI 090124	<b>Ibuprofen Impurity:</b> 2-(4-n-Propylphenyl)propanoic Acid		3585-47-5
ACI 090125	<b>Ibuprofen Impurity:</b> 1-(4-Isobutylphenyl)ethanol		40150-92-3
ACI 090126	<b>Ibuprofen Sorbitol Ester (Mixture of Diastereomers) :</b> Ibuprofen Sorbitol Ester (Mixture of Diastereomers) Ibuprofen Sorbitol Ester (Mixture of Diastereomers)		-
ACI 090127	<b>Ibuprofen Ethyl Ester:</b> Ethyl 2-(4-isobutylphenyl)propionate		41283-72-1
<b>Ifosfamide</b>			
ACI 092603	<b>Ifosfamide im.C(EP) as HCl Salt:</b> 2-chloroethanamine hydrochloride		870-24-6

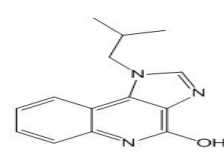
Code	Product Name	Structure	CAS No.
ACI 092604	<b>Ifosfamide im.D(EP):</b> 2-aminoethanol		141-43-5
<b>Imatinib</b>			
ACI 090300	<b>Imatinib Mesylate:</b> 4-(4-Methyl-1-piperazinyl)methyl-N-4-methyl-3-4-(3-pyridinyl)-2-pyrimidinylaminophenyl benzamide mesylate		220127-57-1
ACI 090301	<b>Imatinib Mesylate Imp A (pharmeuropa):</b> (2E)-3-(dimethylamino)-1-(pyridin-3-yl)prop-2-en-1-one		123367-26-0
ACI 090302	<b>Imatinib Mesylate Imp B (pharmeuropa):</b> N-(3-carbamimidamido-4-methylphenyl)-4-(4-methyl piperazin-1-yl)methylbenzamide		581076-65-5
ACI 090304	<b>Imatinib Mesylate Imp J(pharmeuropa):</b> 4-(4-Methyl-4-oxido-1-piperazinyl)methyl-N-4-methyl-3-4-(3-pyridinyl)-2-pyrimidinylaminophenylbenzamide		571186-91-9
ACI 090305	<b>Imatinib Impurity:</b> 3-Methylbenzoic acid		99-04-7
ACI 090306	<b>Imatinib Mesylate Imp C (pharmeuropa):</b> N-4-methyl-3-4-(3-pyridinyl)-2-pyrimidinylaminophenyl-4-(1-piperazinyl methyl)benzamide		404844-02-6

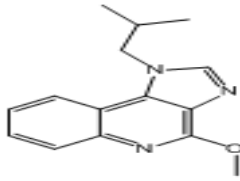
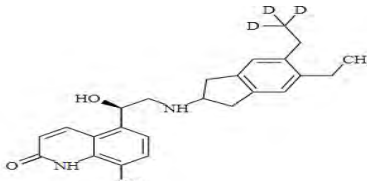
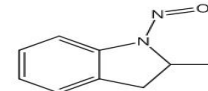
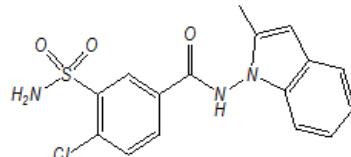
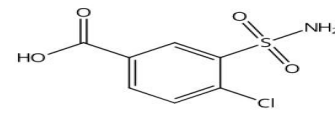
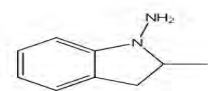
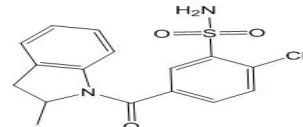
Code	Product Name	Structure	CAS No.
ACI 090307	<b>Imatinib Mesylate Imp F (pharmeuropa):</b> N-(5-Amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidine amine		152460-10-1
ACI 090308	<b>Imatinib Impurity:</b> 4-(4-Methyl piperazinemethyl)benzoic acid dihydrochloride		106261-48-7
ACI 090309	<b>Imatinib Mesylate Imp G (pharmeuropa):</b> 1-Methylpiperazine		109-01-3
ACI 090310	<b>Imatinib Mesylate Imp D (pharmeuropa):</b> 1-methyl-1,4-bis(4-(4-methyl-3-(4-(pyridin-3-yl)pyrimidin-2-ylaminophenyl)carbamoyl benzyl)piperazin-1-ium		n/a
ACI 090311	<b>Imatinib Mesylate Imp H (pharmeuropa):</b> 1-(pyridin-3-yl)ethanone		350-03-8

## Imipramine

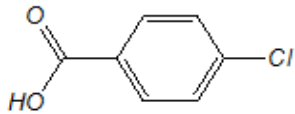
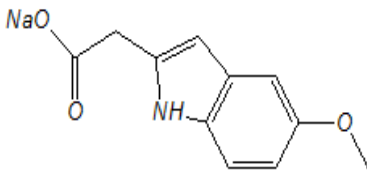
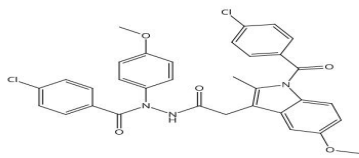
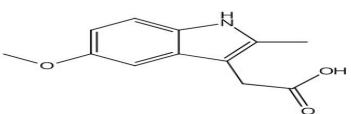
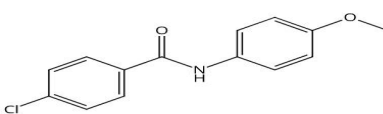
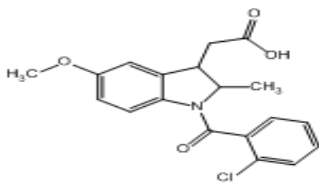
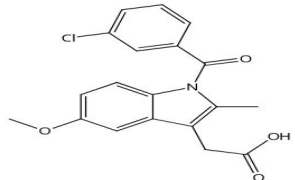
ACI 090902	<b>Imipramine hydrochloride Imp.B (EP) as Hydrochloride:</b> 3-(5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine (depramine)	 xHCl	58262-51-4
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## Imiquimod

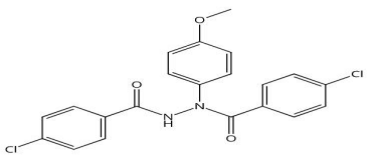
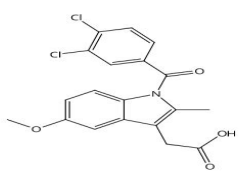
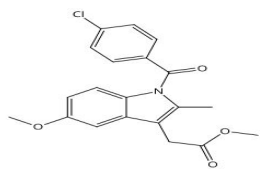
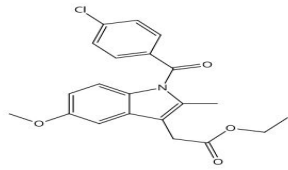
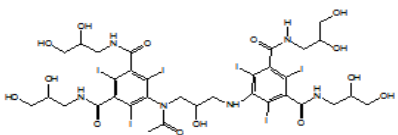
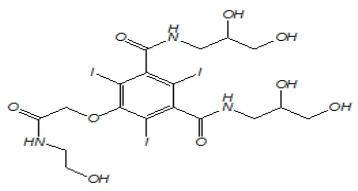
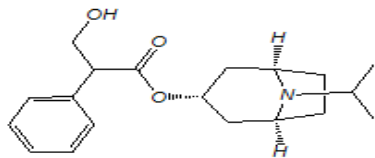
ACI 092211	<b>Imiquimod Impurity as hydrochloride salt:</b> 4-Hydroxy-1-isobutyl-1H-imidazo[4,5-C] quinoline hydrochloride	 · HCl	NA
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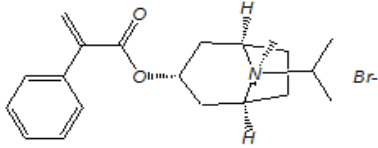
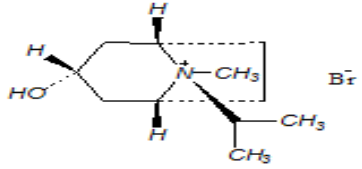
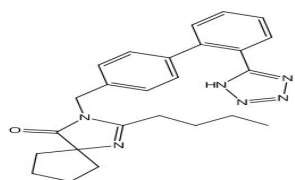
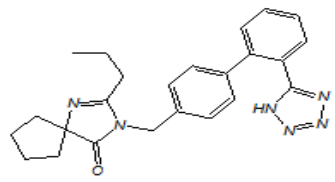
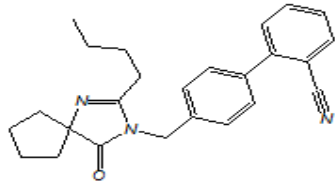
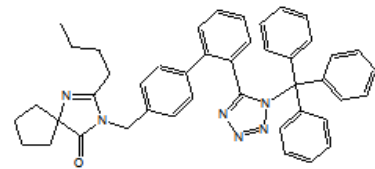
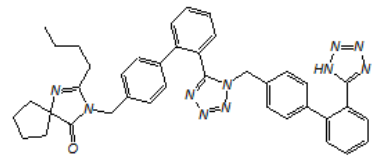
Code	Product Name	Structure	CAS No.
ACI 092212	<b>Imiquimod Impurity</b> : 4-Methoxy-1-isobutyl-1H-imidazo [4,5-C] quinoline		99010-98-7
<b>Indacaterol-d3</b>			
ACI 092330	<b>Indacaterol-d3</b> : 5-((1R)-2-((5-ethyl-6-(ethyl-2,2,2-d3)-2,3-dihydro-1H-inden-2-yl)amino)-1-hydroxyethyl)-8-hydroxyquinolin-2(1H)-one		2699828-16-3
<b>Indapamide</b>			
ACI 090701	<b>Indapamide Imp. A (EP)</b> : (2RS)-2-methyl-1-nitroso-2,3-dihydro-1H-indole		85440-79-5
ACI 090702	<b>Indapamide Imp. B (EP)</b> : 4-chloro-N-(2-methyl-1H-indol-1-yl)-3-sulfamoylbenzamide		63968-75-2
ACI 090703	<b>Indapamide Impurity</b> : 4-Chloro-3-sulfamoylbenzoic acid		1205-30-7
ACI 090704	<b>Indapamide Impurity</b> : 1-Amino-2-methylindoline Hydrochloride	 • x HCl	102789-79-7
ACI 090705	<b>Indapamide Impurity</b> : N-(4-Chloro-3-sulfamoylbenzoyl)-2-methylindoline		NA

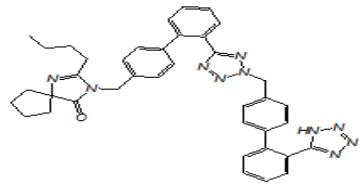
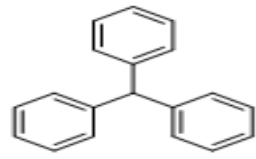
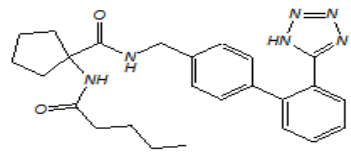
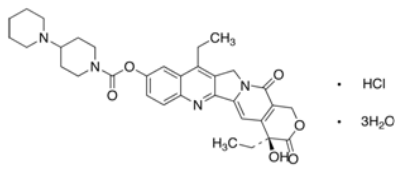
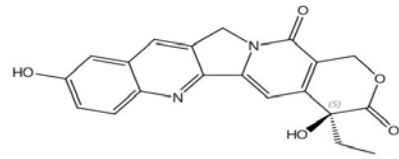
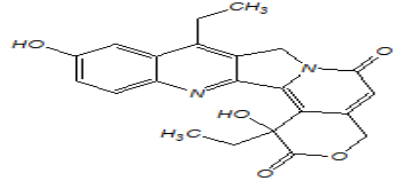
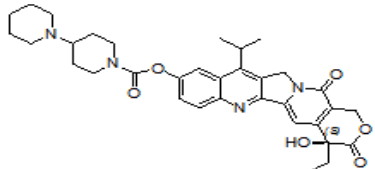
**Indometacin**

Code	Product Name	Structure	CAS No.
ACI 091101	<b>Indometacin Imp.A (EP):</b> 4-chlorobenzoic acid		74-11-3
ACI 091102	<b>Indometacin Impurity:</b> Sodium 2-(5-methoxy-1H-indol-2-yl) acetate 5-Methoxy-2-indoleacetic acid		n/a
ACI 091103	<b>Indometacin Imp.J (EP):</b> 4-chloro-N'-2-1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl acetyl-N-(4-methoxy phenyl)benzohydrazide		402849-25-6
ACI 091104	<b>Indometacin Imp.B (EP):</b> (5-methoxy-2-Methyl-1H-indol-2-yl) acetic acid		2882-15-7
ACI 091105	<b>Indometacin Imp.C (EP):</b> 4-chloro-N-(4-methoxyphenyl) benzamide (amide impurity)		4018-82-0
ACI 091106	<b>Indometacin Imp.D (EP):</b> 1-(2-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-ylacetic acid		NA
ACI 091107	<b>Indometacin Imp.E (EP):</b> 1-(3-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-ylacetic acid		807614-94-4



Code	Product Name	Structure	CAS No.
ACI 091108	<b>Indometacin Imp.F (EP):</b> 4-chloro-N'-(4-chlorobenzoyl)-N-(4-methoxyphenyl)benzohydrazide		402849-27-8
ACI 091109	<b>Indometacin Imp.G (EP):</b> 1-(3,4-dichlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-ylacetic acid		402849-26-7
ACI 091110	<b>Indometacin Imp.H (EP):</b> methyl 1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-ylacetate		1601-18-9
ACI 091111	<b>Indometacin Imp.I (EP):</b> ethyl 1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-ylacetate		16401-99-3
<b>Iodixanol</b>			
ACI 090803	<b>Iodixanol Impurity:</b> 5-acetyl-3,3,5-bis(2,3-dihydroxypropyl)carbamoyl-2,4,6-triiodophenylamino-2-hydroxypropylamino-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodo benzene-1,3-dicarboxamide		171897-74-8
<b>Ioversol</b>			
ACI 091601	<b>Ioversol impurity:</b> bis(2,3-dihydroxypropyl)-5-(2-hydroxyethyl)(2-methoxyacetyl)amino-2,4,6-triiodo		104517-96-6
<b>Ipratropium</b>			
ACI 091505	<b>Ipratropium Bromide Imp. E (EP):</b> (1R,3r,5S)-8-(1-methylethyl)-8-azabicyclo[3.2.1]oct-3-yl (2RS)-3-hydroxy-2-phenylpropanoate		183626-76-8

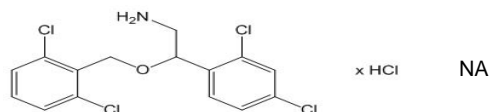
Code	Product Name	Structure	CAS No.
ACI 091506	<b>Ipratropium Bromide Imp. F (EP) as bromide:</b> (1R,3r,5S,8r)-8-methyl-8-(1-methylethyl)-3-(2-phenylpropenoyloxy)-8-azoniabicyclo[3.2.1]octane bromide		n/a
ACI 091501	<b>Ipratropium Bromide Imp. A (EP) as bromide:</b> (1R,3r,5S,8r)-3-hydroxy-8-methyl-8-(1-methylethyl)-8-azoniabicyclo[3.2.1]octane bromide		58005-18-8
<b>Irbesartan</b>			
ACI 090600	<b>Irbesartan:</b> 2-Butyl-3-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1,3-diazaspiro[4.4]non-1-en-4-one		138402-11-6
ACI 090611	<b>Irbesartan Impurity:</b> 2-Propyl-3-(2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-ylmethyl)-1,3-diazaspiro[4.4]non-1-en-4-one		158778-58-6
ACI 090612	<b>Irbesartan Impurity:</b> 2-Butyl-3-2'-(cyano)biphenyl-4-ylmethyl-1,3-diazaspiro[4.4]non-1-en-4-one		138401-24-8
ACI 090613	<b>Irbesartan Impurity:</b> 2-Butyl-3-2'-(triphenylmethyl)-1H-tetrazol-5-yl[1,1'-biphenyl]-4-ylmethyl-1,3-diazaspiro[4.4]non-1-en-4-one		138402-10-5
ACI 090614	<b>Irbesartan Impurity:</b> 2-Butyl-3-2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-ylmethyl-1H-tetrazol-5-yl[1,1'-biphenyl]-4-ylmethyl-1,3-diazaspiro[4.4]non-1-en-4-one		1207630-51-0

Code	Product Name	Structure	CAS No.
ACI 090615	<b>Irbesartan Impurity:</b> 2-Butyl-3,2'-1,2'-(2H-tetrazol-5-yl)1,1'-biphenyl-4-ylmethyl-2H-tetrazol-5-yl1,1'-biphenyl-4-ylmethyl-1,3-diazaspiro[4.4]non-1-en-4-one		1207630-52-1
ACI 090616	<b>Irbesartan Impurity:</b> Triphenylmethane		519-73-3
ACI 090617	<b>Irbesartan Impurity:</b> 1-Pentanoylamino-cyclopentane carboxylic acid 2-(1H-tetrazol-5-yl)biphenyl-4-ylmethylamide		748812-53-5
<b>Irinotecan</b>			
ACI 090400	<b>Irinotecan Hydrochloride Trihydrate:</b> -	 <ul style="list-style-type: none"> <li>• HCl</li> <li>• 3H<sub>2</sub>O</li> </ul>	136572-09-3
ACI 090402	<b>Irinotecan hydrochloride trihydrate Imp. B(EP):</b> (4S)-4-Ethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolone-3,14(4H,12H)-dione (10-hydroxycamptothecin)		19685-09-7
ACI 090405	<b>Irinotecan Hydrochloride Trihydrate Imp. E (EP):</b> (4S)-4,11-diethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione (7-Ethyl-10-hydroxycamptothecin)		86639-52-3
ACI 090420	<b>Irinotecan hydrochloride impurity:</b> [1,4'-Bipiperidine]-1'-carboxylic acid, (4S)-4-ethyl,11-(1-methylethyl)-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester		n/a

**Isoconazole**

Code	Product Name	Structure	CAS No.
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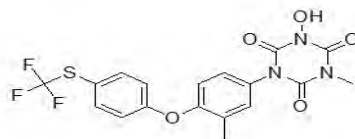
ACI 091403 **Isoconazole Imp. C (EP) as hydrochloride:** (2RS)-2-(2,6-dichlorobenzyl)oxy-2-(2,4-dichlorophenyl)ethanamine hydrochloride



NA

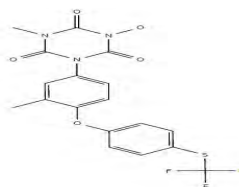
## Isolation

ACIS-09 **Isolation Of Toltrazuril Impurity @ 0.81 RRT:** 1-hydroxy-3-methyl-5-(3-methyl-4-(4-((trifluoromethyl)thio)phenoxy)phenyl) -1,3,5-triazinane-2,4,6-trione



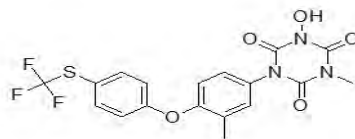
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ACIS09 **Isolation Of Toltrazuril Impurity:** 1-hydroxy-3-methyl-5-(3-methyl-4-(4-((trifluoromethyl)thio)phenoxy)phenyl) -1,3,5-triazinane-2,4,6-trione



NA

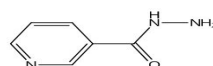
ACI-IS0009 **ISOLATION OF TOLTRAZURIL IMPURITY @ 0.81 RRT:** 1-hydroxy-3-methyl-5-(3-methyl-4-(4-((trifluoromethyl)thio)phenoxy)phenyl) -1,3,5-triazinane-2,4,6-trione.



NA

## Isoniazid

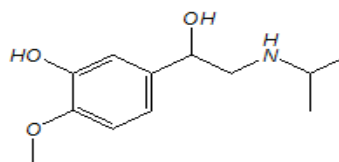
ACI 092704 **Isoniazid Imp.D(EP):** pyridine-3-carbohydrazide (nicotinoyl hydrazide)



553-53-7

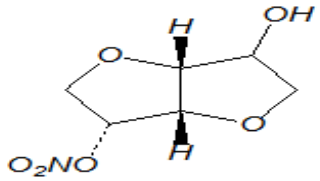
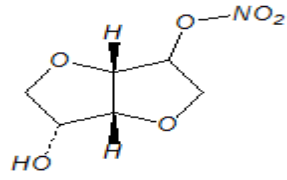
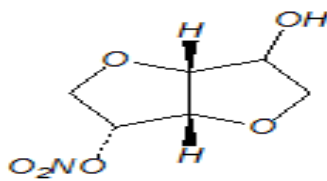
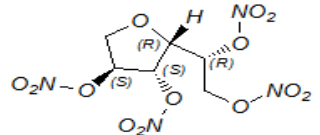
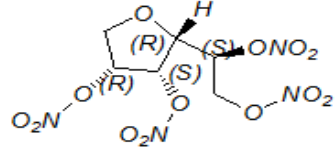
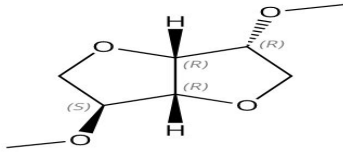
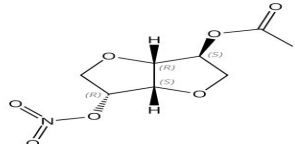
## Isoproterenol

ACI 091714 **Isoproterenol Impurity:** 5-[1-hydroxy-2-(propan-2-ylamino)ethyl]-2-methoxyphenol

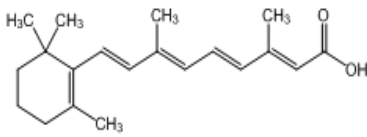
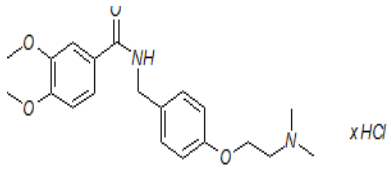
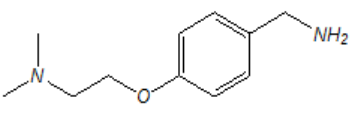
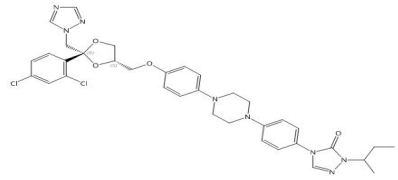
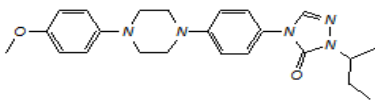
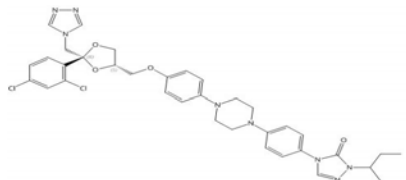
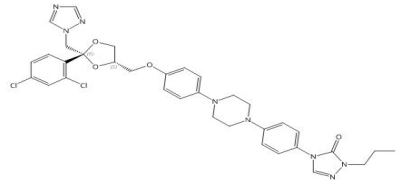


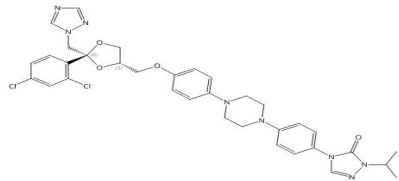
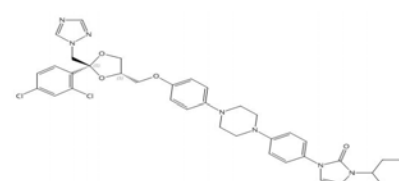
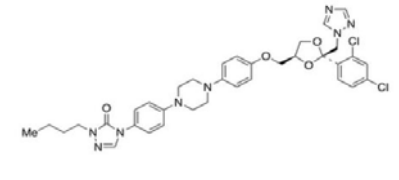
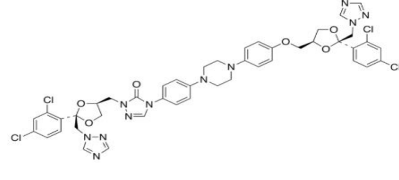
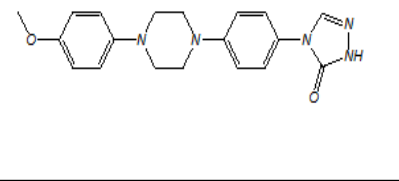
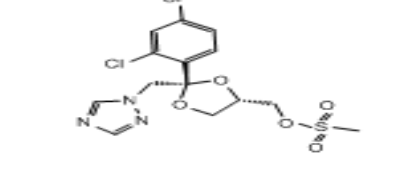
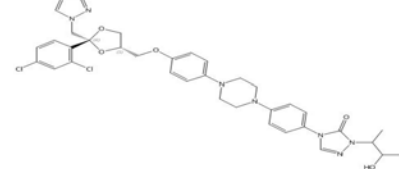
3413-49-8

## Isosorbide

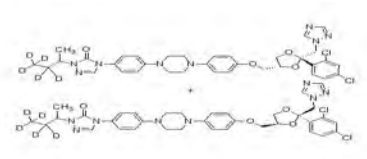
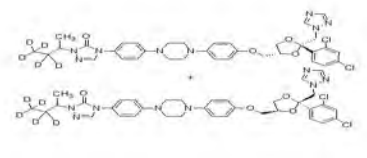
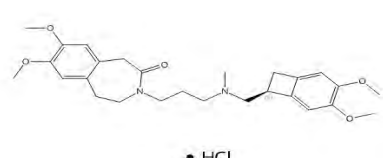
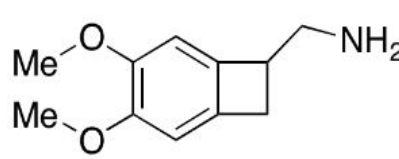
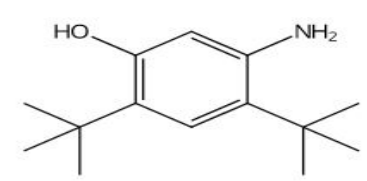
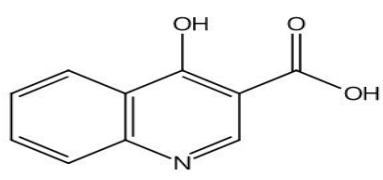
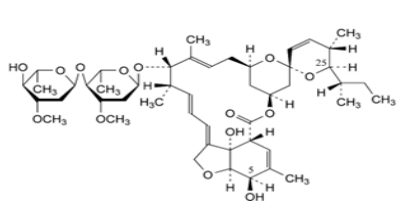
Code	Product Name	Structure	CAS No.
ACI 091300	<b>Isosorbide mononitrate diluted:</b> -		n/a
ACI 091303	<b>Isosorbide mononitrate diluted Imp. C (EP):</b> (1,4:3,6-Dianhydro-D-glucitol 2-nitrate in lactose)		16106-20-0
ACI 091310	<b>Isosorbide mononitrate:</b> 1,4:3,6-dianhydro-d-glucitol 5-nitrate		16051-77-7
ACI 091311	<b>Isosorbide mononitrate Impurity:</b> 1,4-Anhydroglucitol Tetranitrate		n/a
ACI 091312	<b>Isosorbide mononitrate Impurity:</b> 3,6 Anhydroglucitol Tetranitrate		n/a
ACI 091313	<b>Isosorbide dimethyl ether:</b> 1,4:3,6-Dianhydro-2,5-di-O-methyl-D-glucitol		5306-85-4
ACI 091314	<b>Isosorbide 2-acetate 5-nitrate:</b> D-Glucitol, 1,4:3,6-dianhydro-, 2-acetate 5-nitrate		39813-48-4

## Isotretinoin

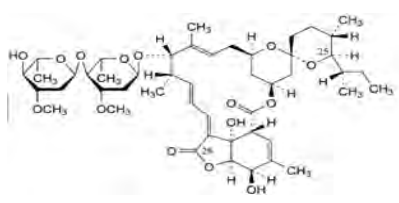
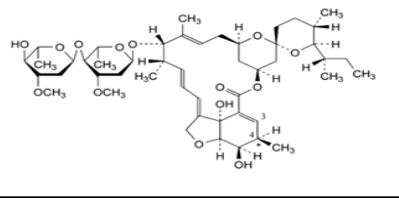
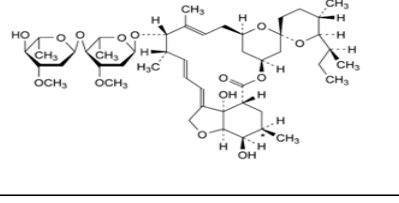
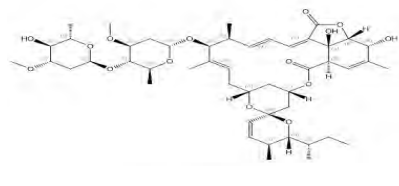
Code	Product Name	Structure	CAS No.
ACI 091901	<b>Isotretinoin Imp. A (EP):</b> (2E,4E,6E,8E)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-enyl)nona-2,4,6,8-tetraenoic acid (Tretinoin)		302-79-4
<b>Itopride</b>			
ACI 090500	<b>Itopride Hydrochloride:</b> -		122892-31-3
ACI 090511	<b>Itopride Hydrochloride Impurity:</b> 4-[2-(Dimethylamino)ethoxy]benzylamine		20059-73-8
<b>Itraconazole</b>			
ACI 090200	<b>Itraconazole:</b> 4-[4-[4-[[cis-2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-[(1RS)-1-methylpropyl]-2,4-dihydro-3H-1,2,4-triazol-3-one		84625-61-6
ACI 090201	<b>Itraconazole Imp. A (EP):</b> 4-4-4-(4-Methoxyphenyl)piperazin-1-ylphenyl-2-(1RS)-1-methylpropyl-2,4-dihydro-3H-1,2,4-triazol-3-one		252964-68-4
ACI 090202	<b>Itraconazole Imp. B (EP):</b> 4-[4-[4-[[cis-2-(2,4-dichlorophenyl)-2-(4H-1,2,4-triazol-4-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-[(1RS)-1-methylpropyl]-2,4-dihydro-3H-1,2,4-triazol-3-one		854372-77-3
ACI 090203	<b>Itraconazole Imp. C (EP):</b> 4-4-4-cis-2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl-methoxyphenylpiperazin-1-ylphenyl-2-propyl-2,4-dihydro-3H-1,2,4-triazol-3-one		74855-91-7

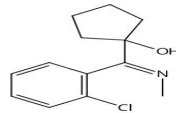
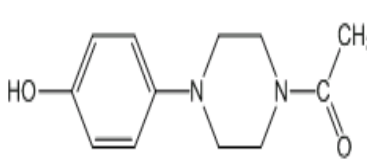
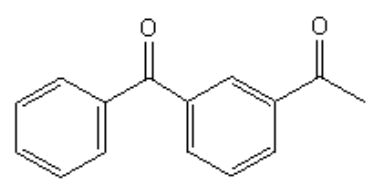
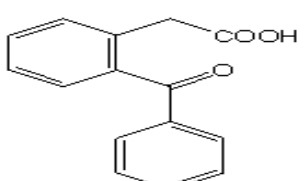
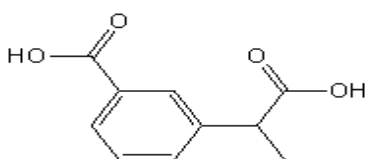
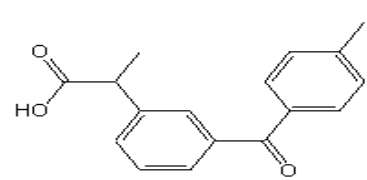
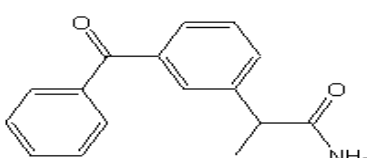
Code	Product Name	Structure	CAS No.
ACI 090204	<b>Itraconazole Imp. D (EP):</b> 4-4-4-4-cis-2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-ylmethoxyphenylpiperazin-1-ylphenyl-2-(1-methylethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one		89848-49-7
ACI 090205	<b>Itraconazole Imp. E (EP):</b> 4-[4-[4-[4-[[trans-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-[(1RS)-1-methylpropyl]-2,4-dihydro-3H-1,2,4-triazol-3-one (trans-Itraconazole)		252964-65-1
ACI 090206	<b>Itraconazole Imp. F (EP):</b> 2-Butyl-4-4-4-4-cis-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-ylmethoxyphenylpiperazin-1-ylphenyl-2,4-dihydro-3H-1,2,4-triazol-3-one		89848-51-1
ACI 090207	<b>Itraconazole Imp. G (EP):</b> 4-4-4-4-cis-2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-ylmethoxyphenylpiperazin-1-ylphenyl-2-cis-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-ylmethyl-2,4-dihydro-3H-1,2,4-triazol-3-one		NA
ACI 090210	<b>Itraconazole Imp.:</b> 2,4-Dihydro-4-4-4-(4-methoxyphenyl)-1-piperazinyl-phenyl-3H-1,2,4-triazol-3-one		74853-07-9
ACI 090211	<b>Itraconazole Imp.:</b> cis-2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolane-4-methanol Mesilate		67914-86-7
ACI 090212	<b>Itraconazole Impurity:</b> 2-Hydroxyitraconazole		207970-87-4

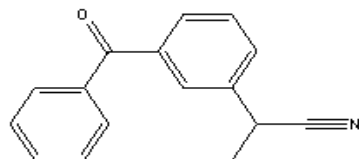
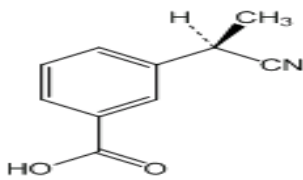
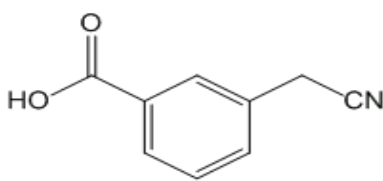
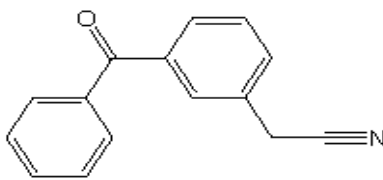
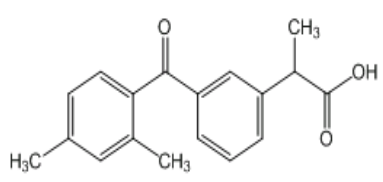
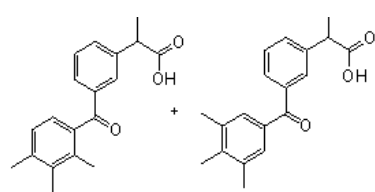
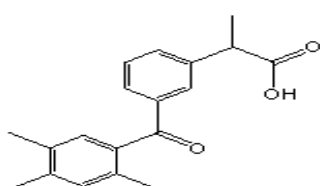
## Itraconazole-D5

Code	Product Name	Structure	CAS No.
ACI 090230	<b>Itraconazole-D5:</b> 4-(4-(4-(((2R,4S)-2-((1H-1,2,4-triazol-1-yl)methyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl)methoxy)phenyl)piperazin-1-yl)phenyl)-2-(butan-2-yl-3,3,4,4,4-d5)-2,4-dihydro-3H-1,2,4-triazol-3-one and 4-(4-(4-(((2S,4R)-2-((1H-1,2,4-triazol-1-yl)methyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl)methoxy)phenyl)piperazin-1-yl)phenyl)-2-(butan-2-yl-3,3,4,4,4-d5)-2,4-dihydro-3H-1,2,4-triazol-3-one		1217510-38-7
ACI-090230	<b>Itraconazole-D5:</b> 4-(4-(4-(((2R,4S)-2-((1H-1,2,4-triazol-1-yl)methyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl)methoxy)phenyl)piperazin-1-yl)phenyl)-2-(butan-2-yl-3,3,4,4,4-d5)-2,4-dihydro-3H-1,2,4-triazol-3-one and 4-(4-(4-(((2S,4R)-2-((1H-1,2,4-triazol-1-yl)methyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl)methoxy)phenyl)piperazin-1-yl)phenyl)-2-(butan-2-yl-3,3,4,4,4-d5)-2,4-dihydro-3H-1,2,4-triazol-3-one		1217510-38-7
<b>Ivabradine</b>			
ACI 092400	<b>Ivabradine Hydrochloride:</b> (S)-3-(3-(((4,5-dimethoxy-1,2-dihydrocyclobutabenzen-1-yl)methyl)(methyl)amino)propyl)-7,8-dimethoxy-4,5-dihydro-1Hbenzo[d]azepin-2(3H)-one hydrochloride	 <p style="text-align: center;">• HCl</p>	148849-67-6
ACI 092412	<b>Ivabradine Hydrochloride Impurity F:</b> 4,5-Dimethoxy-1-(aminomethyl)benzocyclobutane		73344-75-9
<b>Ivacaftor</b>			
ACI 092511	<b>Ivacaftor Impurity:</b> 5-amino-2,4-di-tert-butylphenol		873055-58-4
ACI 092512	<b>Ivacaftor Impurity:</b> 4-Hydroxyquinoline-3-carboxylic acid		34785-11-0
<b>Ivermectin</b>			
ACI 092001	<b>Ivermectin Imp. A (EP):</b> 5-O-demethylavermectin A1a (Avermectin B1a)		65195-55-3

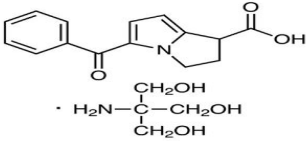
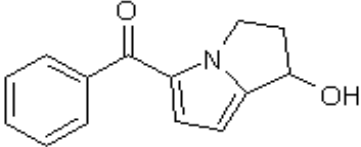
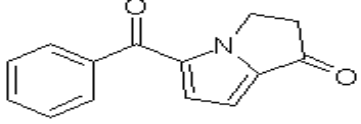
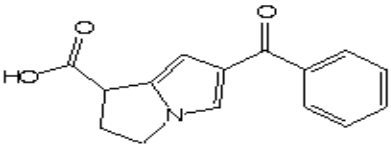
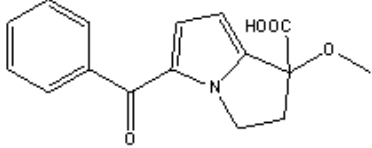
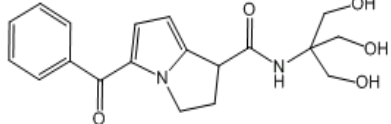
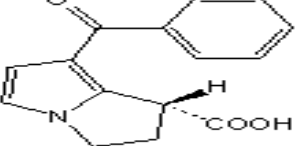


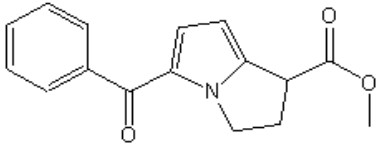
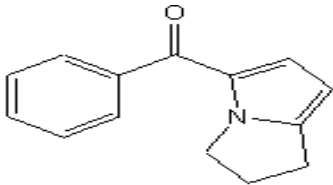
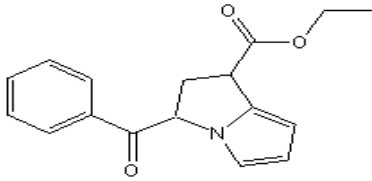
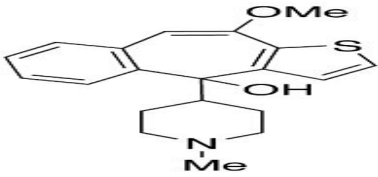
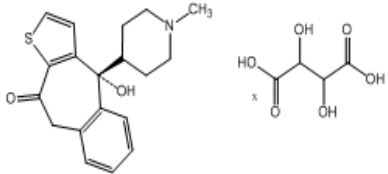
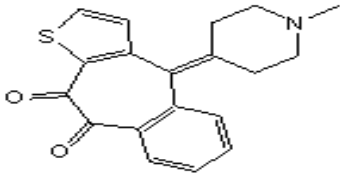
Code	Product Name	Structure	CAS No.
ACI 092004	<b>Ivermectin Imp. D (EP):</b> 5-O-demethyl-28-oxo-22,23-dihydroavermectin A1a (28-oxoH2B1a)		102190-55-6
ACI 092009	<b>Ivermectin Imp. I (EP):</b> 2,3-Didehydro-5-O-demethyl-3,4,22,23-tetrahydroavermectin A1a		1135339-49-9
ACI 092011	<b>Ivermectin Imp. K (EP):</b> (4R) and (4S)-5-O-demethyl-3,4,22,23-tetrahydroavermectin A1a (H4B1a isomers).		74567-01-4
ACI 092016	<b>Ivermectin Impurity: 8a-Oxo Avermectin B1a:</b> Ivermectin 8a-oxo-H2B1a		102190-68-1

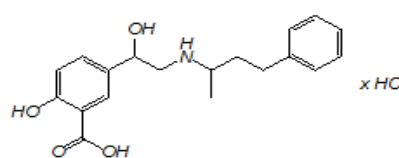
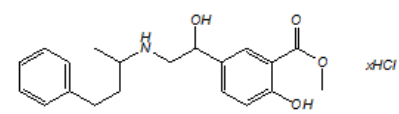
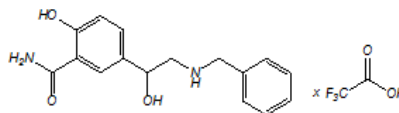
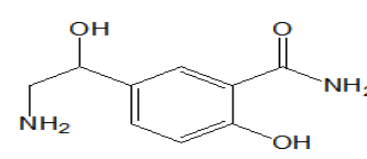
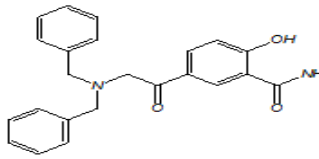
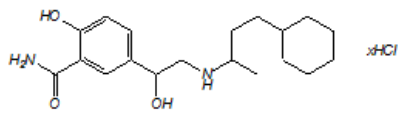
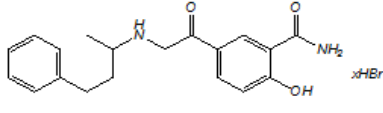
Code	Product Name	Structure	CAS No.
<b>Ketamine</b>			
ACI 055501	<b>Ketamine hydrochloride Imp.A(EP):</b> 1-[(2-chlorophenyl)(methylimino)methyl]cyclopentanol		6740-87-0
<b>Ketoconazole</b>			
ACI 110411	<b>Ketoconazole Impurity:</b> 1-Acetyl-4-(4-hydroxyphenyl)piperazine		66067-44-5
<b>Ketoprofen</b>			
ACI 110301	<b>Ketoprofen Imp. A (EP):</b> 1-(3-benzoylphenyl)ethanone		66067-44-5
ACI 110302	<b>Ketoprofen Imp. B (EP):</b> (3-benzoylphenyl)acetic acid		22071-22-3
ACI 110303	<b>Ketoprofen Imp. C (EP):</b> 3-[(1RS)-1-carboxyethyl]benzoic acid		68432-95-1
ACI 110304	<b>Ketoprofen Imp. D (EP):</b> (2RS)-2-[3-(4-methylbenzoyl)phenyl]propanoic acid		107257-20-5
ACI 110305	<b>Ketoprofen Imp. E (EP):</b> (2RS)-2-(3-benzoylphenyl)propan- amide,		59512-16-2

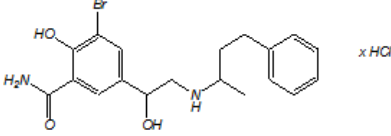
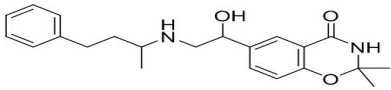
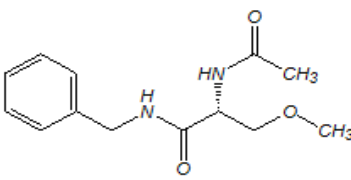
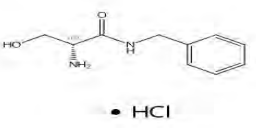
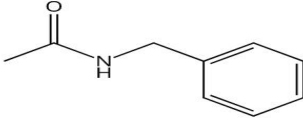
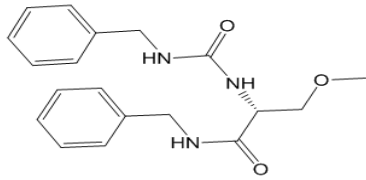
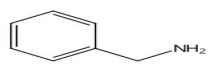
Code	Product Name	Structure	CAS No.
ACI 110306	<b>Ketoprofen Imp. F (EP):</b> (2RS)-2-(3-benzoylphenyl)propanenitrile		42872-30-0
ACI 110307	<b>Ketoprofen Imp. G (EP):</b> 3-[(1RS)-1-Cyanoethyl]benzoic acid		5537-71-3
ACI 110308	<b>Ketoprofen Imp. H (EP):</b> 3-(Cyanomethyl)benzoic Acid		5689-33-8
ACI 110309	<b>Ketoprofen Imp. I (EP):</b> (3-benzoylphenyl)ethanenitrile		21288-34-6
ACI 110310	<b>Ketoprofen Imp. J (EP):</b> (2RS)-2-[3-(2,4-dimethylbenzoyl)phenyl]propanoic acid		1785759-59-2
ACI 110311	<b>Ketoprofen Imp. K (EP):</b> (2RS)-2-[3-(2,3,4-trimethylbenzoyl)phenyl]propanoic acid and (2RS)-2-[3-(3,4,5-trimethylbenzoyl)phenyl]propanoic acid (mixture of enantiomers)		n/a
ACI 110312	<b>Ketoprofen Imp. L (EP):</b> (2RS)-2-[3-(2,4,5-trimethylbenzoyl)phenyl]propanoic acid		n/a

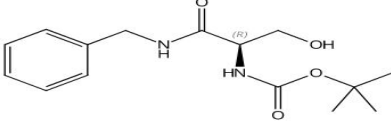
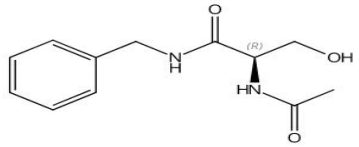
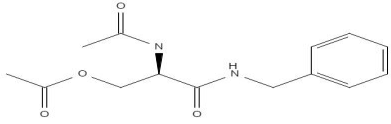
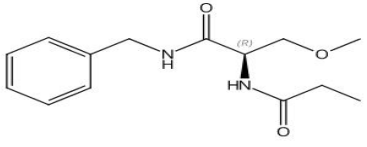
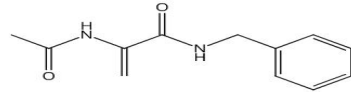
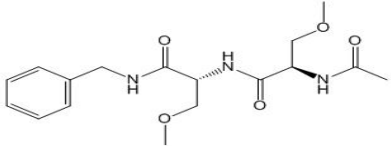
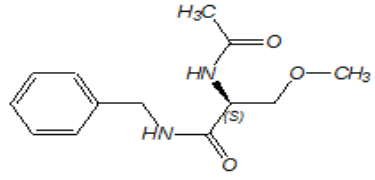
## Ketorolac

Code	Product Name	Structure	CAS No.
ACI 110100	<b>Ketorolac trometamol:</b> 2-Amino-2-(hydroxymethyl)propane-1,3-diol (1RS)-5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate		74103-07-4
ACI 110101	<b>Ketorolac Trometamol Imp. A (EP):</b> (1RS)-5-benzoyl-2,3-dihydro-1H-pyrrolizin-1-ol		154476-25-2
ACI 110102	<b>Ketorolac Trometamol Imp. B (EP):</b> 5-benzoyl-2,3-dihydro-1H-pyrrolizin-1-one		113502-52-6
ACI 110103	<b>Ketorolac Trometamol Imp. C (EP):</b> (1RS)-6-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic acid		1026936-07-1
ACI 110104	<b>Ketorolac Trometamol Imp. D (EP):</b> (1RS)-5-benzoyl-1-methoxy-2,3-dihydro-1H-pyrrolizin-1-carboxylic acid		1391053-45-4
ACI 110105	<b>Ketorolac Trometamol Imp. E (EP):</b> (1RS)-5-Benzoyl-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]-2,3-dihydro-1H-pyrrolizine-1-carboxamide		167105-80-8
ACI 110106	<b>Ketorolac trometamol Imp. F (EP):</b> (1RS)-7-benzoyl--2,3-dihydro-1H-pyrrolizine-1-carboxylic acid		1391052-68-8

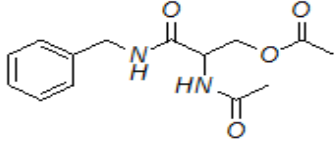
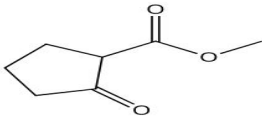
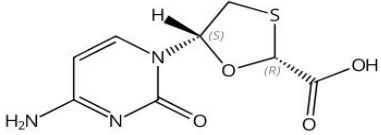
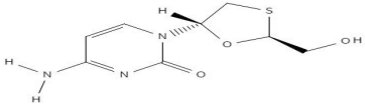
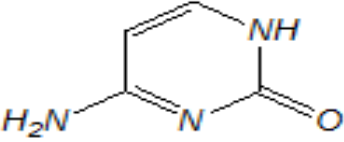
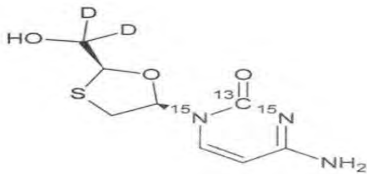
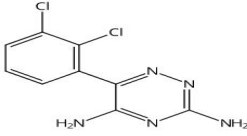
Code	Product Name	Structure	CAS No.
ACI 110108	<b>Ketorolac Trometamol Imp. H (EP):</b> Methyl (1RS)-5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate		80965-09-9
ACI 110109	<b>Ketorolac Trometamol Imp. I (EP):</b> phenyl(2,3-dihydro-1H-pyrrolizin-5-yl)methanone		113502-55-9
ACI 110110	<b>Ketorolac Trometamol Imp. J (EP):</b> Ethyl (1RS)-5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate		108061-03-6
<b>Ketotifen</b>			
ACI 110202	<b>Ketotifen hydrogen fumarate Imp. B:</b> 4-Hydroxy-9,10-dehydro-10-methoxy Ketotifen		59743-88-3
ACI 110203	<b>Ketotifen hydrogen fumarate Imp. C (EP):</b> (4RS)-4-hydroxy-4-(1-methylpiperidin-4-yl)-4,9-dihydro-10H-benzo[4,5]cyclohepta[1,2-b]thiophen-10-one		n/a
ACI 110207	<b>Ketotifen hydrogen fumarate Imp. G (EP):</b> 4-(1-methylpiperidin-4-ylidene)-4H-benzo[4,5]cyclohepta[1,2-b]thiophen-9,10-dione		43076-16-0

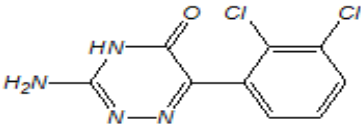
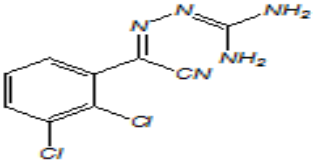
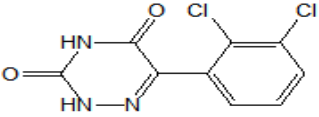
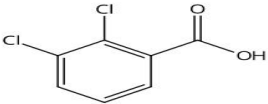
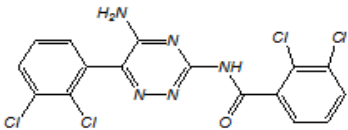
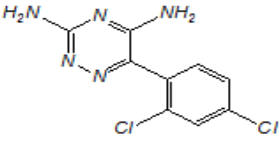
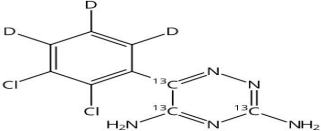
Code	Product Name	Structure	CAS No.
<b>Labetalol</b>			
ACI 122801	<b>Labetalol hydrochloride Imp. A (EP) as hydrochloride:</b> mixture of 4 stereoisomers of 2-hydroxy-5-(1-hydroxy-2-(1-methyl-3-phenylpropyl)aminoethyl)benzoic acid hydrochloride		n/a
ACI 122802	<b>Labetalol hydrochloride Imp. B (EP) as hydrochloride:</b> mixture of 4 stereoisomers of methyl 2-hydroxy-5-(1-hydroxy-2-(1-methyl-3-phenylpropyl)aminoethyl)benzoate hydrochloride		33778-93-7
ACI 122803	<b>Labetalol hydrochloride Imp. C (EP) as trifluoroacetic acid salt:</b> 5-[(1R)-2-(benzylamino)-1-hydroxyethyl]-2-hydroxybenzamide trifluoroacetic acid		n/a
ACI 122804	<b>Labetalol hydrochloride Imp. D (EP):</b> 5-(2-Amino-1-hydroxyethyl)-2-hydroxy-Benzamide		n/a
ACI 122811	<b>Labetalol hydrochloride Impurity:</b> 5-(N,N-dibenzylglycyl)-salicylamide		30566-92-8
ACI 122812	<b>Labetalol hydrochloride Impurity as hydrochloride:</b> 5-(2-(3-cyclohexyl-1-methylpropylamino)-1-hydroxyethyl)-2-hydroxybenzamide hydrochloride		NA
ACI 122813	<b>Labetalol hydrochloride Impurity as hydrobromide:</b> 5-(2-(4-Phenylbutan-2-ylamino)acetyl)-2-hydroxybenzamide hydrobromide		n/a

Code	Product Name	Structure	CAS No.
ACI 122814	<b>Labetalol hydrochloride Impurity as hydrochloride:</b> 5-(2-(4-Phenylbutan-2-ylamino)-1-hydroxyethyl)-3-bromo-2-hydroxybenzamide hydrochloride		n/a
ACI 122816	<b>Labetalol Impurity:</b> 6-(1-hydroxy-2-((4-phenylbutan-2-yl)amino)ethyl)-2,2-dimethyl-2,3-dihydro-4H-benzo[e][1,3]oxazin-4-one		NA
<b>Lacosamide</b>			
ACI 123700	<b>Lacosamide:</b> (R)-2-acetamido-N-benzyl-3-methoxypropanamide		175481-36-4
ACI 123705	<b>Lacosamide Imp. E (EP) as HCl Salt:</b> (2R)-2-amino-N-benzyl-3-hydroxypropanamide hydrochloride		1322062-75-8
ACI 123707	<b>Lacosamide Imp. G (EP):</b> N-Benzylacetamide		588-46-5
ACI 123709	<b>Lacosamide Imp.I (EP):</b> (2R)-N-benzyl-2-[(benzylcarbamoyl)amino]-3-methoxypropanamide		NA
ACI 123710	<b>Lacosamide Imp. J (EP):</b> Phenylmethanamine		100-46-9

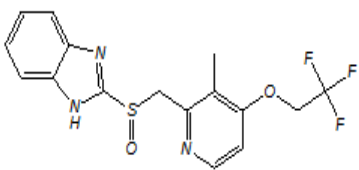
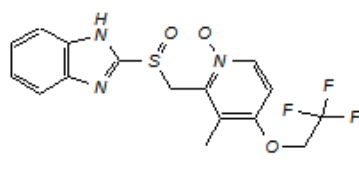
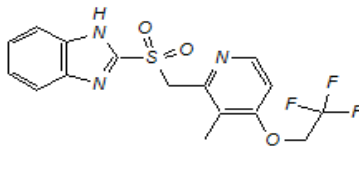
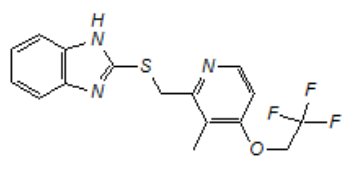
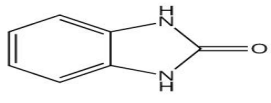
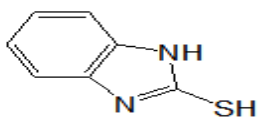
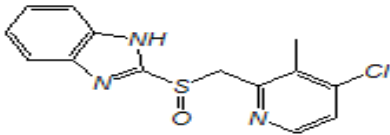
Code	Product Name	Structure	CAS No.
ACI 123711	<b>Lacosamide Impurity:</b> tert-Butyl[(2R)-1-(benzylamino)-3-hydroxy-1-oxopropan-2-yl]carbamate		1253790-58-7
ACI 123712	<b>Lacosamide Impurity:</b> (2R)-2-(Acetylamino)-N-benzyl-3-hydroxypropanamide		175481-38-6
ACI 123713	<b>Lacosamide Impurity:</b> (2R)-2-(Acetylamino)-(3-(benzylamino)-3-oxopropyl)acetate		1318777-54-6
ACI 123714	<b>Lacosamide Impurity:</b> (2R)-N-Benzyl-3-methoxy-2-(propanoylamino)propanamide		1318777-56-8
ACI 123715	<b>Lacosamide Impurity:</b> 2-(Acetylamino)-N-(phenylmethyl)-2-propenamide		86921-49-5
ACI 123716	<b>Lacosamide Impurity:</b> (2R)-2-acetamido-N-[(2R)-1-(benzylamino)-3-methoxy-1-oxopropan-2-yl]-3-methoxypropanamide		NA
ACI 123717	<b>Lacosamide Impurity:</b> (S)-2-Acetylamino)-N-benzyl-3-methoxypropanamide (S-Enantiomer)		175481-37-5

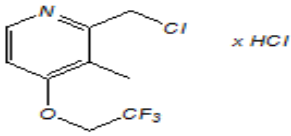
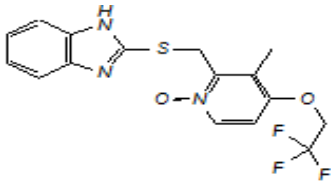
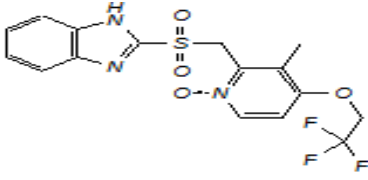
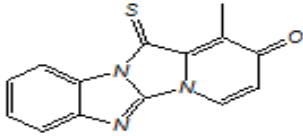
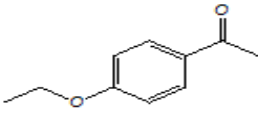
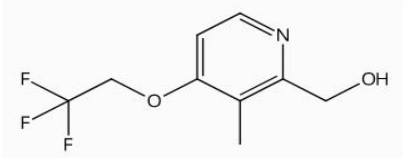


Code	Product Name	Structure	CAS No.
ACI 123718	<b>Lacosamide Impurity:</b> 2-(acetylamino)-3-(acetyloxy)-N-(phenylmethyl)-Propanamide		1822463-67-1
ACI 123720	<b>Lacosamide Impurity:</b> Methyl Cyclopentanone-2-carboxylate		10472-24-9
<b>Lamivudine</b>			
ACI 123101	<b>Lamivudine Imp. A (EP):</b> (2R-cis)-5-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic Acid		173829-09-9
ACI 123102	<b>Lamivudine Imp. B (EP):</b> 4-Amino-1-[(2RS,5RS)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]pyrimidin-2(1H)-one ((±)-trans-lamivudine)		131086-22-1
ACI 070201	<b>Lamivudine Imp. E (EP):</b> 4-Aminopyrimidin-2(1H)-one		71-30-7
<b>Lamivudine-13C,</b>			
ACI 123132	<b>Lamivudine-13C, 15N2, D2:</b> 4-amino-1-((2S,5R)-2-hydroxymethyl-1,3-oxathiolan-5-yl)pyrimidin-2-one-13C,15N2,D2		NA
<b>Lamotrigine</b>			
ACI 120900	<b>Lamotrigine:</b> 6-(2,3-dichlorophenyl)-1,2,4-triazine-3,5-diamine		84057-84-1

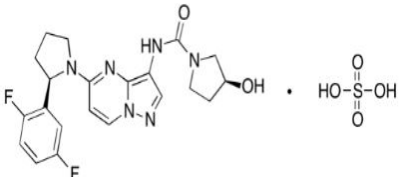
Code	Product Name	Structure	CAS No.
ACI 120901	<b>Lamotrigine Imp. A (EP):</b> 3-amino-6-(2,3-dichlorophenyl)-1,2,4-triazin-5(4H)-one		252186-78-0
ACI 120903	<b>Lamotrigine Imp. C (EP):</b> (2Z)-2-(Diaminomethylidene)diazanylidene(2,3-dichlorophenyl)acetonitrile		94213-23-7
ACI 120904	<b>Lamotrigine Imp. D (EP):</b> 6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5(2H,4H)-dione		661463-79-2
ACI 120905	<b>Lamotrigine Imp. E (EP):</b> 2,3-dichlorobenzoic acid		50-45-3
ACI 120906	<b>Lamotrigine Imp. F (EP):</b> N-5-Amino-6-(2,3-dichlorophenyl)-1,2,4-triazin-3-yl-2,3-dichlorobenzamide		252186-79-1
ACI 120907	<b>Lamotrigine Imp. G (EP):</b> 6-(2,4-dichlorophenyl)-1,2,4-triazine-3,5-diamine		38943-76-9
<b>Lamotrigine-13C,d3</b>			
ACI 120930	<b>Lamotrigine-13C,d3:</b> 6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5-diamine-13C,d3		2517756-06-6

## Lansoprazole

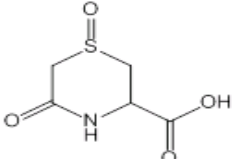
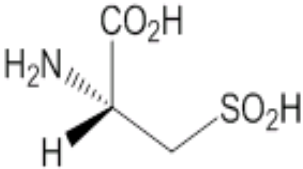
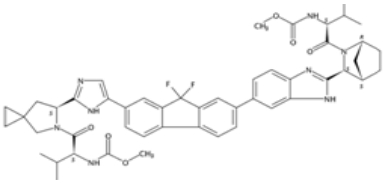
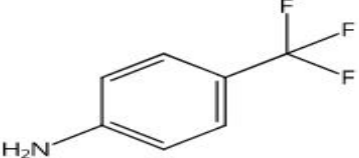
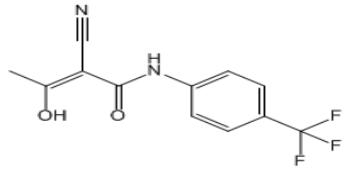
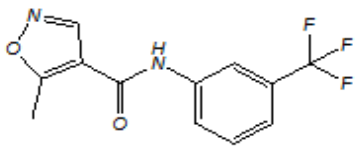
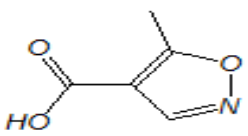
Code	Product Name	Structure	CAS No.
ACI 120200	<b>Lansoprazole:</b> 2-[(RS)-[[3-Methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-yl]methyl]sulfinyl]-1H-benzimidazole		103577-45-3
ACI 120201	<b>Lansoprazole Imp. A (EP):</b> 2-(RS)-3-Methyl-1-oxido-4-(2,2,2-trifluoroethoxy)pyridin-2-ylmethyl-sulphinyl-1H-benzimidazole		213476-12-1
ACI 120202	<b>Lansoprazole Imp. B (EP):</b> 2-3-Methyl-4-(2,2,2-trifluoroethoxy)pyridine-2-ylmethylsulphonyl-1H-benzimidazol		131926-99-3
ACI 120203	<b>Lansoprazole Imp. C (EP):</b> 2-3-Methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-ylmethylsulfanyl-1H-benzimidazole		103577-40-8
ACI 120204	<b>Lansoprazole Imp. D (EP):</b> 1H-Benzimidazol-2-ol		615-16-7
ACI 120205	<b>Lansoprazole Imp. E (EP):</b> 1H-Benzimidazole-2-thiol		583-39-1
ACI 120206	<b>Lansoprazole Imp. F (EP):</b> 2-(RS)-(4-chloro-3-methylpyridin-2-yl)methylsulfanyl-1H-benzimidazole		168167-42-8

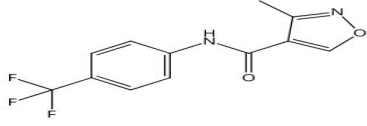
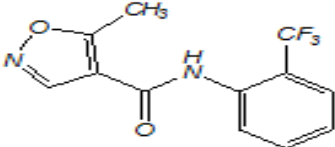
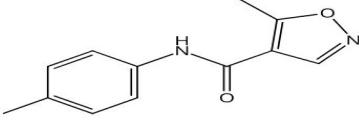
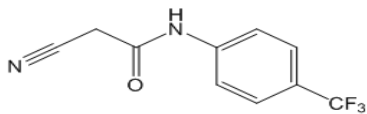
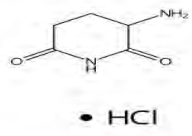
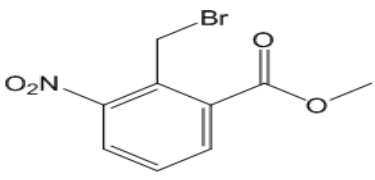
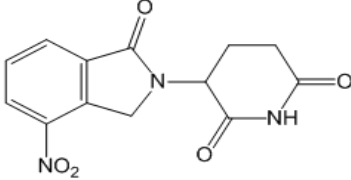
Code	Product Name	Structure	CAS No.
ACI 120210	<b>Lansoprazole Impurity as hydrochloride:</b> 2-Chloromethyl- 3-methyl-4-(2,2,2-trifluoroethoxy) pyridine hydrochloride		127337-60-4
ACI 120211	<b>Lansoprazole Impurity:</b> 2-3-Methyl-1-oxido-4-(2,2,2-trifluoroethoxy)pyridin-2-yl methyl sulfanyl-1H-benzimidazole		163119-30-0
ACI 120212	<b>Lansoprazole Impurity:</b> 2-3-Methyl-1-oxido-4-(2,2,2-trifluoroethoxy)pyridin-ylmethylsulfonyl-1H-benzimidazole		953787-54-7
ACI 120213	<b>Lansoprazole Impurity:</b> 1-Methyl-12-thioxopyrido[1',2':3,4-imidazo-1,2-abenzimidazol-2(12H)-one		1246819-06-6
ACI 120214	<b>Lansoprazole Impurity:</b> 1-(4-Ethoxyphenyl)ethanone		1676-63-7
ACI 120215	<b>Lansoprazole Impurity:</b> (3-Methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-yl)methanol		103577-66-8

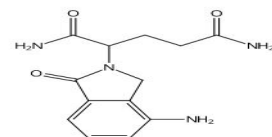
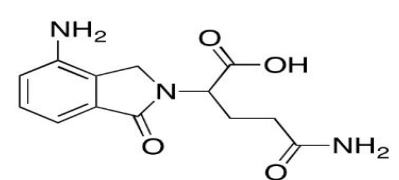
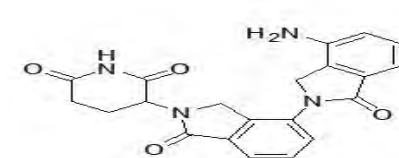
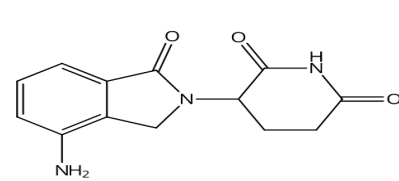
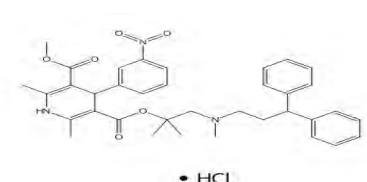
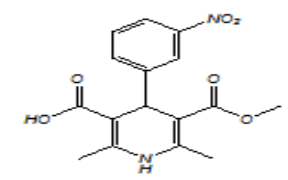
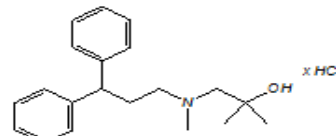
## Larotrectinib

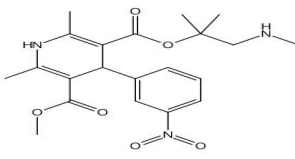
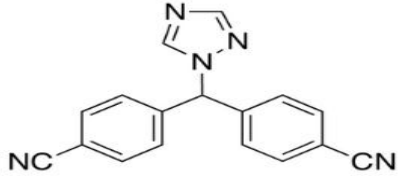
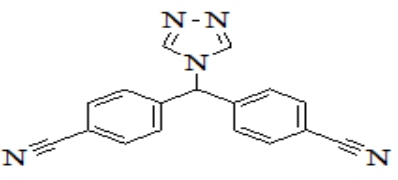
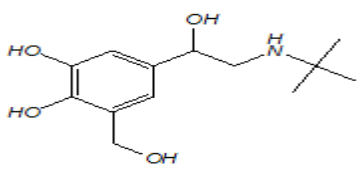
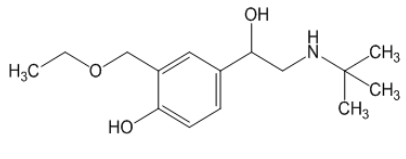
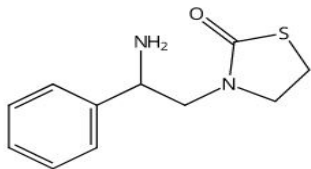
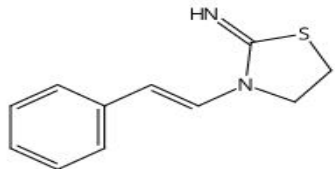
ACI 125100	<b>Larotrectinib sulfate:</b> (3S)-N-[5-[(2R)-2-(2,5-difluorophenyl)-1-pyrrolidinyl]pyrazolo[1,5-a]pyrimidin-3-yl]-3-hydroxy-1-Pyrrolidinecarboxamide sulfate (1:1)		1223405-08-0
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## L-cysteine

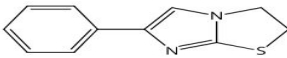
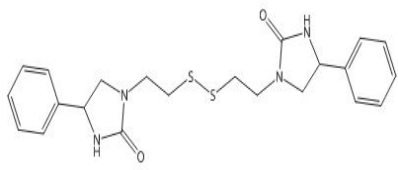
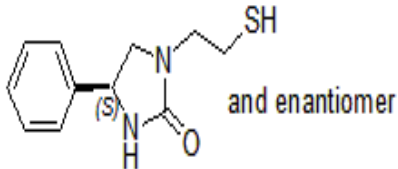
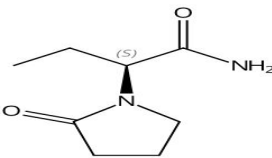
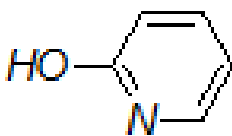
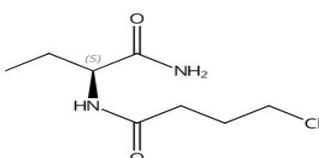
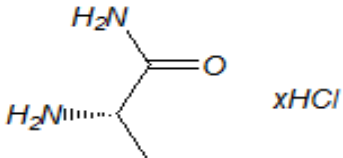
Code	Product Name	Structure	CAS No.
ACI 031911	<b>L-cysteine Impurity:</b> S-Carboxymethyl-L-Cysteine Sulfoxide Lactam		NA
ACI 031912	<b>L-cysteine Impurity:</b> L-Cysteinesulfinic acid		2381-08-0
<b>Ledipasvir</b>			
ACI 123600	<b>Ledipasvir:</b> N-[(1S)-1-[[[(6S)-6-[5-[9,9-difluoro-7-[2-[(1R,3S,4S)-2-[(2S)-2-[(methoxycarbonyl)amino]-3-methyl-1-oxobutyl]-2-azabicyclo[2.2.1]hept-3-yl]-1H-benzimidazol-6-yl]-9H-fluoren-2-yl]-1H-imidazol-2-yl]-5-azaspiro[2.4]hept-5-yl]carbonyl]-2-methylpropyl]-Carbamic acid methyl ester		1256388-51-8
<b>Leflunomide</b>			
ACI 120601	<b>Leflunomide Imp. A(EP) :</b> 4-(trifluoromethyl)aniline		455-14-1
ACI 120602	<b>Leflunomide Imp. B (EP):</b> (2Z)-2-Cyano-3-hydroxy-N-[4-(trifluoromethyl)phenyl]but-2-enamide (Teriflunomide)		163451-81-8
ACI 120603	<b>Leflunomide Imp. C (EP):</b> 5-Methyl-N-3-(trifluoromethyl)phenylisoxazole-4-carboxamide		61643-23-0
ACI 120604	<b>Leflunomide Imp. D (EP):</b> 5-methylisoxazole-4-carboxylic acid		42831-50-5

Code	Product Name	Structure	CAS No.
ACI 120605	<b>Leflunomide Imp. E (EP):</b> 3-methyl-N-4-(trifluoromethyl)phenylisoxazole-4-carboxamide		208401-20-1
ACI 120606	<b>Leflunomide Imp. F (EP):</b> 5-methyl-N-2-(trifluoromethyl)phenylisoxazole-4-carboxamide		1403564-06-6
ACI 120607	<b>Leflunomide Imp. G (EP):</b> 5-methyl-N-(4-methylphenyl)isoxazole-4-carboxamide		724429-16-7
ACI 120608	<b>Leflunomide Imp. H (EP):</b> 2-cyano-N-4-(trifluoromethyl)phenylacetamide		24522-30-3
<b>Lenalidomide</b>			
ACI 123912	<b>Lenalidomide Impurity as hydrochloride salt:</b> 2,6-Dioxopiperidine-3-ammonium chloride		24666-56-6
ACI 123913	<b>Lenalidomide Impurity:</b> Methyl 2-(bromomethyl)-3-nitrobenzoate		98475-07-1
ACI 123914	<b>Lenalidomide Impurity:</b> 3-(4-nitro-1oxo-isoindolin-2-yl)piperidine-2,6-dione		827026-45-9

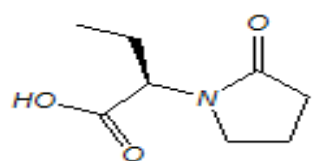
Code	Product Name	Structure	CAS No.
ACI 123915	<b>Lenalidomide Impurity:</b> 2-(4-amino-1-oxoisoindolin-2-yl)pentanediamide		2197414-55-2
ACI 123917	<b>Lenalidomide Impurity :</b> 2-(4-amino-1-oxoisoindolin-2-yl)-4-carbamoylbutanoic acid		2197420-75-8
ACI 123918	<b>Lenalidomide Impurity:</b> 4-amino-2-(1-oxo-2-(2,6-dioxopiperidin-3-yl)isoindolin-4-yl)isoindolin-1-one		NA
ACI 123900	<b>Lenalidomide:</b> 3-(4-Amino-1,3-dihydro-1-oxo-2H-isoindol-2-yl)-2,6-piperidinedione		191732-72-6
<b>Lercanidipine</b>			
ACI 121400	<b>Lercanidipine Hydrochloride:</b> 1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic Acid 2-[(3,3-Diphenyl propyl)methylamino]-1,1-dimethylethyl Methyl Ester Hydrochloride	 • HCl	132866-11-6
ACI 121401	<b>Lercanidipine Impurity:</b> 2,6-Dimethyl-5-methoxycarbonyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3-carboxylic acid		74936-72-4
ACI 121402	<b>Lercanidipine Impurity as hydrochloride:</b> 1-(3,3-Diphenylpropyl)methylamino-2-methyl-2-propanol hydrochloride	 x HCl	n/a

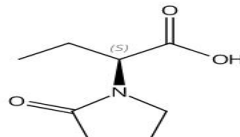
Code	Product Name	Structure	CAS No.
ACI 121403	<b>Lercanidipine Impurity:</b> R,S- 1,4-Dihydro-2,6-dimehtyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid-methyl-2-methyl amino-1,1-dimethylethyl ester		887769-40-6
<b>Letrozole</b>			
ACI 120300	<b>Letrozole:</b> 4,4'-(1h-1,2,4-Triazol-1-ylmethylene) bis-benzonitrile		112809-51-5
ACI 120301	<b>Letrozole Imp. A (EP):</b> 4,4'-(4H-1,2,4-triazol-4-ylmethylene) dibenzonitrile		112809-52-6
<b>Levalbuterol(Levosalbutamol)</b>			
ACI 123211	<b>Levalbuterol(Levosalbutamol) impurity:</b> (a[1,1-Dimethylethyl)amino)methyl]-4,5-dihydroxy-1,3-benzenedimethanol)		182676-90-0
ACI 123212	<b>Levalbuterol(Levosalbutamol) impurity:</b> Alpha-[(1,1-Dimethylethyl)amino)methyl]-3-(ethoxy-methyl)-4-hydroxy-benzenemethanol		754926-25-5
<b>Levamisole</b>			
ACI 123001	<b>Levamisole hydrochloride Imp. A (EP):</b> 3-[(2RS)-2-amino-2-phenylethyl]thiazolidin-2-one		32190-34-4
ACI 123002	<b>Levamisole hydrochloride Imp. B (EP):</b> 3-[(E)-2-phenylethenyl]thiazolidin-2-imine		20406-02-4



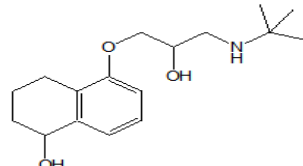
Code	Product Name	Structure	CAS No.
ACI 123004	<b>Levamisole hydrochloride Imp. D (EP):</b> 6-phenyl-2,3-dihydroimidazo[2,1-b]thiazole		4335-28-8
ACI 123005	<b>Levamisole hydrochloride Imp. E (EP):</b> 1,1'-[(disulfane-1,2-diyl)bis(ethylene)]bis[(4RS)-4-phenylimidazolidin-2-one]		32190-36-6
ACI-123003	<b>Levamisole hydrochloride Imp. C (EP):</b> (4RS)-4-phenyl-1-(2-sulfanylethyl)imidazolidin-2-one		32190-33-3
<b>levetiracetam</b>			
ACI 122900	<b>levetiracetam:</b> (S)-2-(2-oxopyrrolidin-1-yl)butanamide		102767-28-2
ACI 122903	<b>Levetiracetam Imp.C (EP):</b> Pyridin-2-ol		142-08-5
ACI 122911	<b>Levetiracetam Impurity:</b> (S)-N-(1-Amino-1-oxobutan-2-yl)-4-chlorobutanamide		102767-31-7
ACI 122912	<b>Levetiracetam Impurity:</b> (S)-(+)-2-Aminobutanamide hydrochloride		7682-20-4

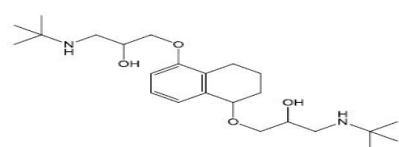
Code	Product Name	Structure	CAS No.
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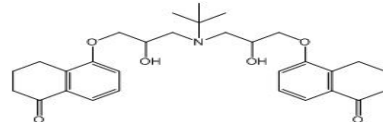
ACI 122913	<b>Levetiracetam Impurity: (2R)-2-(2-oxopyrrolidin-1-yl)butanoic acid</b> (Levetiracetam acid)		103833-72-3
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ACI 122919	<b>Levetiracetam acid Impurity: (2S)-2-(2-oxopyrrolidin-1-yl)butanoic acid</b>		102849-49-0
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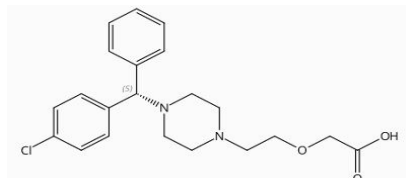
## Levobunolol

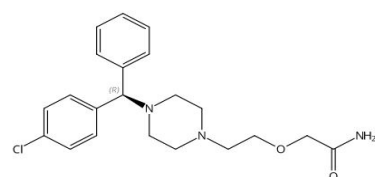
ACI 121911	<b>Levobunolol Hydrochloride impurity: 5-3-(1,1-dimethylethyl)amino-2-hydroxypropoxy-1,2,3,4-tetrahydro-1-Naphthalenol</b>		38947-37-4
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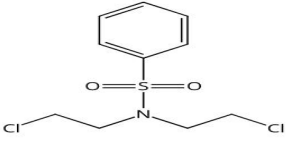
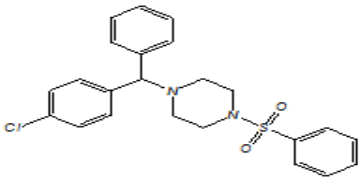
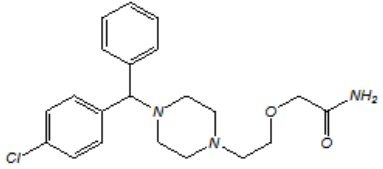
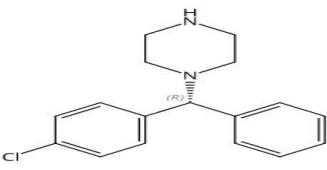
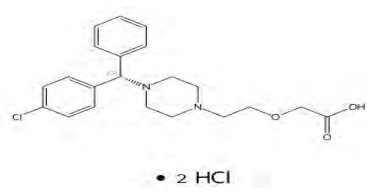
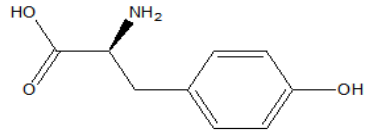
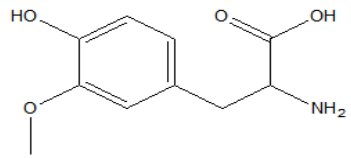
ACI 121912	<b>Levobunolol Hydrochloride impurity: 1-1'-(1,2,3,4-tetrahydro-1,5-naphthalenedioxy)bis(3-tetrabutylamino)-2-propanol</b>		NA
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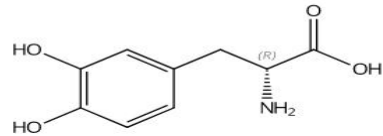
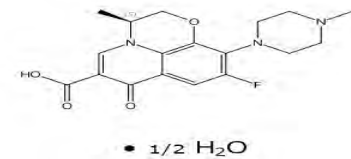
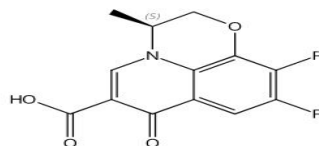
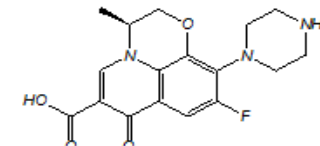
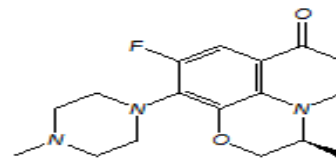
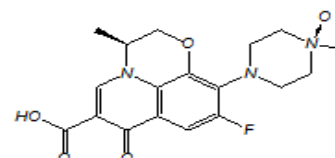
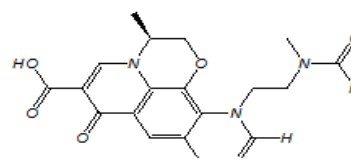
ACI 121913	<b>Levobunolol Hydrochloride Imp. C (BP): Meso-5-5'5[3,3-N-tetrabutylamino]bis(2-hydroxypropoxy)3-,4-dihydronaphthalene-1[2H]-one</b>		NA
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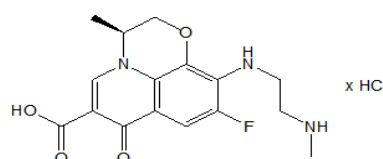
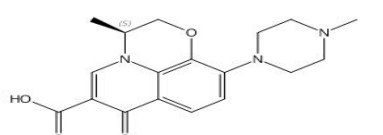
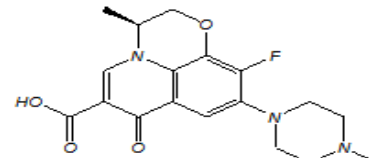
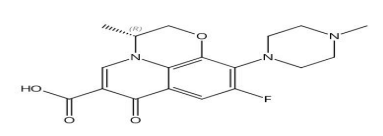
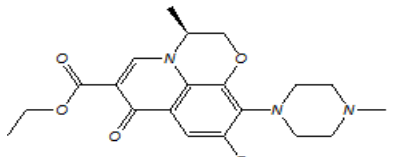
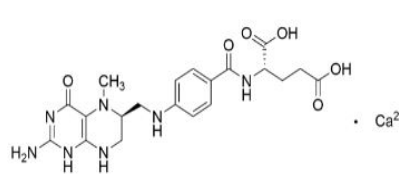
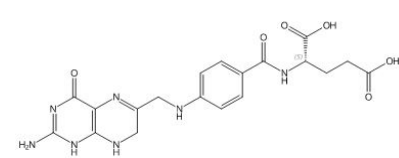
## Levocetirizine

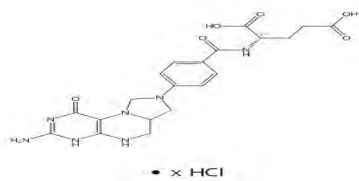
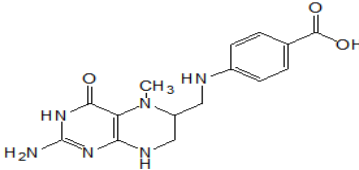
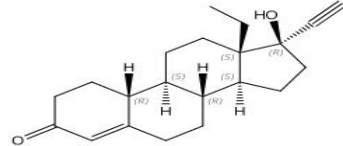
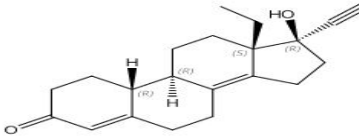
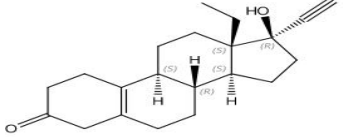
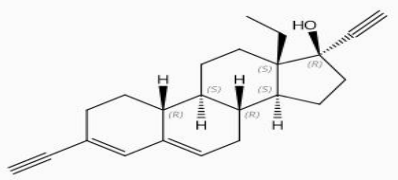
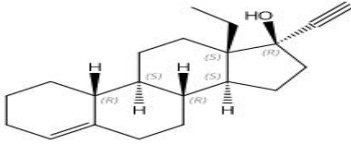
ACI 120500	<b>Levocetirizine Impurity : (S)-[2-[4-[(4-Chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]acetic Acid</b>		130018-87-0
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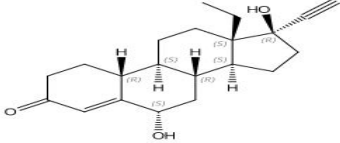
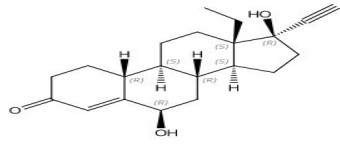
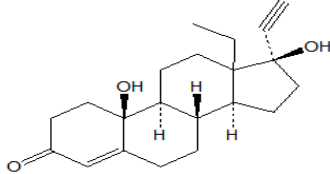
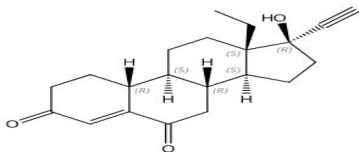
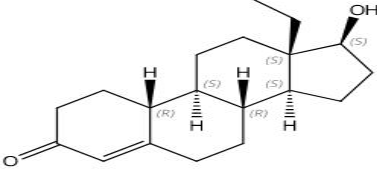
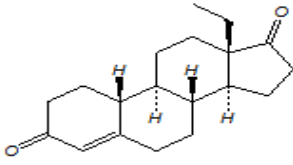
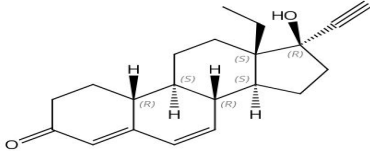
ACI 120511	<b>Levocetirizine Amide impurity: 2-[2-[4-[(R)-(4-Chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-acetamide</b>		909779-33-5
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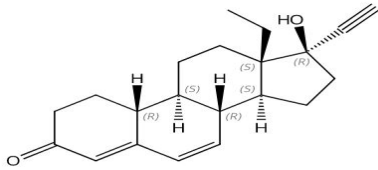
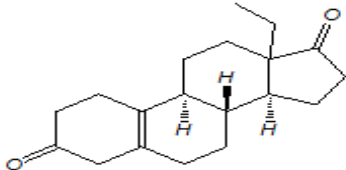
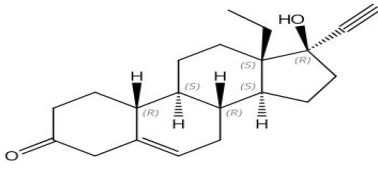
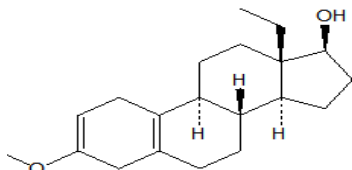
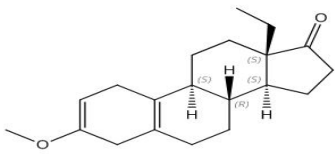
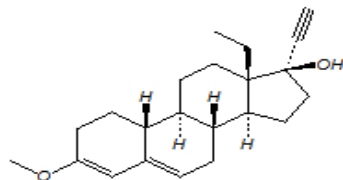
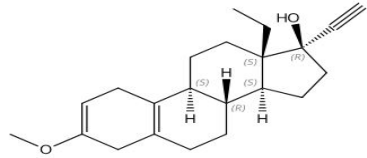
Code	Product Name	Structure	CAS No.
ACI 120522	<b>Levocetirizine Impurity:</b> N,N-Bis(2-chloroethyl)benzene sulfonamide		58023-19-1
ACI 120523	<b>Levocetirizine Impurity:</b> 1-(4-chlorophenyl)phenylmethyl-4-(phenyl)sulfonylpiperazine		1391052-52-0
ACI 120524	<b>Levocetirizine Impurity:</b> 2-(2-(4-(4-chlorophenyl)phenyl)methyl-1-piperazinylethoxy)acetamide		83881-37-2
ACI 120525	<b>Levocetirizine Impurity:</b> (R)-1-[(4-Chlorophenyl)phenylmethyl]piperazine		300543-56-0
ACI 0120520	<b>Levocetirizine Dihydrochloride :</b> -(S)-Cetirizine Dihydrochloride:(S)-[2-[4-[(4-Chlorophenyl)-phenylmethyl]-1-piperazinyl]ethoxy]acetic Acid Dihydrochloride		163837-48-7
<b>Levodopa</b>			
ACI 121302	<b>Levodopa Imp. B (EP):</b> (2S)-2-amino-3-(4-hydroxyphenyl)propanoic acid		60-18-4
ACI 121303	<b>Levodopa Imp. C (EP):</b> (2RS)-2-amino-3-(4-hydroxy-3-methoxyphenyl)propanoic acid		7636-26-2

Code	Product Name	Structure	CAS No.
ACI 121304	<b>Levodopa Imp. D (EP):</b> (2R)-2-amino-3-(4-hydroxy-3-methoxyphenyl) propanoic acid (3-methoxy-dl-tyrosine)		5796-17-8
<b>Levofloxacin</b>			
ACI 120100	<b>Levofloxacin Hemihydrate:</b> (-)-(S)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid Hemihydrate; Dynaquin; Levofloxacin Hydrate		138199-71-0
ACI 120101	<b>Levofloxacin Impurity:</b> (S)-9,10-difluoro-3-(2-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid		100986-89-8
ACI 120102	<b>Levofloxacin Impurity:</b> (S)-9-fluoro-3-methyl-7-oxo-10-(piperazine-1-yl)-2,3-dihydro-7H-pyrido 1,2,3-de -1,4-benzoxazine-6-carboxylic acid		117707-40-1
ACI 120103	<b>Levofloxacin Impurity:</b> (S)-9-fluoro-3-methyl-7-oxo-10-(4-methylpiperazine-1-yl)-2,3 dihydro-7H-pyrido 1,2,3-de -1,4-benzoxazine		178964-53-9
ACI 120104	<b>Levofloxacin Impurity:</b> 4-(S)-6-carboxy-9-fluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido 1,2,3-de -1,4-benzoxazine-10-yl-1-methylpiperazine-1-oxide		117678-38-3
ACI 120105	<b>Levofloxacin Impurity:</b> (S)-9-fluoro-3-methyl-7-oxo-10-formyl-2-formyl(methyl)aminoethylamino-2,3-dihydro-7H-pyrido 1,2,3-de -1,4-benzoxazine-6-carboxylic acid		151377-74-1

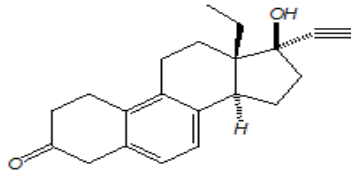
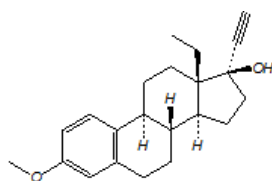
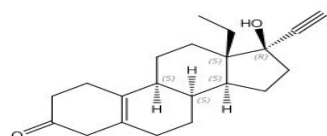
Code	Product Name	Structure	CAS No.
ACI 120106	<b>Levofloxacin Impurity as hydrochloride:</b> (S)-9-fluoro-3-methyl-7-oxo-10-(2-(methylamino)ethylamino)-2,3-dihydro-7H-pyrido [1,2,3-de] -1,4-benzoxazine-6-carboxylic acid hydrochloride	 <chem>CNCCNC1=CC=C2C(=O)N(C)C(=O)C=C2C1=CC=C(F)C3=CC=CC=C3C(=O)O</chem> x HCl	1346603-62-0
ACI 120107	<b>Levofloxacin Impurity:</b> (S)-3-methyl-7-oxo-10-(4-methylpiperazine-1-yl)-2,3-dihydro-7H-pyrido 1,2,3-de -1,4-benzoxazine-6-carboxylic acid	 <chem>CN1CCN(C)CC1C2=CC=C3C(=O)N(C)C(=O)C=C3C2=CC=C(F)C4=CC=CC=C4C(=O)O</chem>	117620-85-6
ACI 120108	<b>Levofloxacin Impurity:</b> (S)-10-fluoro-3-methyl-7-oxo-9-(4-methylpiperazine-1-yl)-2,3-dihydro-7H-pyrido 1,2,3-de -1,4-benzoxazine-6-carboxylic acid	 <chem>CN1CCN(C)CC1C2=CC=C3C(=O)N(C)C(=O)C=C3C2=CC=C(F)C4=CC=CC=C4C(=O)O</chem>	178912-62-4
ACI 120110	<b>Levofloxacin Impurity:</b> (+)-(R)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid(Levofloxacin R-isomer Impurity)-Dextroflaxacin	 <chem>CN1CCN(C)CC1C2=CC=C3C(=O)N(C)C(=O)C=C3C2=CC=C(F)C4=CC=CC=C4C(=O)O</chem>	100986-86-5
ACI 120111	<b>Levofloxacin Impurity:</b> (S)-ethyl 9-fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylate	 <chem>CCOC(=O)C1=CC=C2C(=O)N(C)C(=O)C=C2C1=CC=C(F)C3=CC=CC=C3C4=CC=CC=C4N5CCN(C)CC5</chem>	177472-30-9
<b>Levomefolate</b>			
ACI 121800	<b>Levomefolate Calcium:</b> N-[4-[[[(6S)-2-Amino-3,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]]methyl]Amino]Benzoyl]-L-glutamic Acid Calcium Salt	 <chem>CN1C=NC2=C(N1)C(=O)N(C)C2CNc3ccc(cc3)C(=O)N[C@@H](C(=O)O)C[C@@H](O)C(=O)O.[Ca+2]</chem>	151533-22-1
<b>Levomefolic</b>			
ACI 121811	<b>Levomefolic acid Impurity:</b> 7,8-Dihydrofolic acid	 <chem>CN1C=NC2=C(N1)C(=O)N(C)C2CNc3ccc(cc3)C(=O)N[C@@H](C(=O)O)C[C@@H](O)C(=O)O</chem>	4033-27-6

Code	Product Name	Structure	CAS No.
ACI 121812	<b>Levomefolic acid Impurity as hydrochloride:</b> 5,10-Methylene tetrahydro folic acid hydrochloride	 <chem>C1=NC(=O)N2C(=O)N(C1)C2c3ccc(cc3)C(=O)N[C@@H](C(=O)O)C(=O)O</chem> • × HCl	75994-78-4
ACI 121813	<b>Levomefolic acid Impurity:</b> 5-Methylene tetrahydropteroic acid	 <chem>C1=NC(=O)N2C(=O)N(C1)C2c3ccc(cc3)C(=O)O</chem>	4349-41-1
<b>Levonorgestrel</b>			
ACI 121000	<b>Levonorgestrel:</b> 13-Ethyl-17-hydroxy-18,19-dinor-17a-pregn-4-en-20-yn-3-one		797-63-7
ACI 121001	<b>Levonorgestrel Imp. A (EP):</b> 13-ethyl-17-hydroxy-18,19-dinor-17a-pregna-4,8(14)-dien-20-yn-3-one		1260525-53-8
ACI 121002	<b>Levonorgestrel Imp.B (EP):</b> 13-ethyl-17-hydroxy-18,19-dinor-17a-pregn-5(10)-en-20-yn-3-one		19914-67-1
ACI 121003	<b>Levonorgestrel Imp.C (EP):</b> 13-ethyl-3-ethynyl-18,19-dinor-17a-pregna-3,5-dien-20-yn-17-ol		1337972-89-0
ACI 121004	<b>Levonorgestrel Imp.D (EP):</b> 13-Ethyl-18,19-dinor-17a-pregn-4-en-20-yn-17-ol		32419-58-2

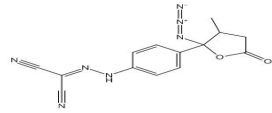
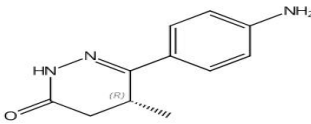
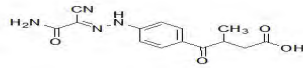
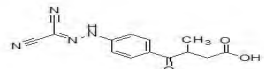
Code	Product Name	Structure	CAS No.
ACI 121007	<b>Levonorgestrel Imp. G (EP):</b> 13-Ethyl-6 $\alpha$ ,17-dihydroxy-18,19-dinor-17 $\alpha$ -pregn-4-en-20-yn-3-one		87585-03-3
ACI 121008	<b>Levonorgestrel Imp. H (EP):</b> 13-ethyl-6 $\beta$ ,17-dihydroxy-18,19-dinor-17 $\alpha$ -pregn-4-en-20-yn-3-one (6 $\beta$ -hydroxylevonorgestrel)		55555-97-0
ACI 121009	<b>Levonorgestrel Imp. I (EP):</b> 13-ethyl-10,17-dihydroxy-18,19-dinor-17 $\alpha$ -pregn-4-en-20-yn-3-one. (10-hydroxy levonorgestrel)		20402-62-4
ACI 121010	<b>Levonorgestrel Imp. J (EP):</b> 13-Ethyl-17-hydroxy-18,19-dinor-17 $\alpha$ -pregn-4-en-20-yne-3,6-dione (6-oxolevonorgestrel)		1175109-63-3
ACI 121011	<b>Levonorgestrel Imp. K (EP):</b> 13-Ethyl-17 $\beta$ -hydroxygon-4-en-3-one (18-methylnandrolone)		793-55-5
ACI 121012	<b>Levonorgestrel Imp. L (EP):</b> 13-Ethylgon-4-ene-3,17-dione (levodione)		21800-83-9
ACI 121013	<b>Levonorgestrel Imp. M (EP):</b> (8R,9S,10R,13S,14S,17R)-13-ethyl-17-ethynyl-17-hydroxy-1,2,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one ; Norgestrel 6(7)-Dehydro Impurity		51087-61-7

Code	Product Name	Structure	CAS No.
ACI 121014	<b>Levonorgestrel Imp. N (EP):</b> (8R,9S,13S,14S)-13-ethyl-1,4,6,7,8,9,11,12,13,14,15,16-dodecahydro-3H-cyclopenta[a]phenanthrene-3,17(2H)-dione		4222-96-2
ACI 121015	<b>Levonorgestrel Imp. O (EP):</b> 13-Ethyl-17-hydroxy-5a-methoxy-18,19-dinor-17a-pregn-20-yn-3-one (4,5-dihydro-5a-methoxylevonorgestrel)		155683-60-6
ACI 121016	<b>Levonorgestrel Imp. P (EP):</b> (8R,9S,10R,13S,14S,17R)-13-ethyl-17-ethynyl-17-hydroxy-1,2,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one		100021-05-4
ACI 121017	<b>Levonorgestrel Imp. Q (EP):</b> 13-Ethyl-3-methoxygona-2,5(10)-dien-17β-ol		14507-49-4
ACI 121018	<b>Levonorgestrel Imp. R (EP):</b> 13-Ethyl-3-methoxygona-2,5(10)-dien-17-one		2322-77-2
ACI 121019	<b>Levonorgestrel Imp. S (EP):</b> 13-Ethyl-3-methoxy-18,19-dinor-17a-pregna-3,5-dien-20-yn-17-ol		176254-10-7
ACI 121020	<b>Levonorgestrel Imp. T (EP):</b> 13-Ethyl-3-methoxy-18,19-dinor-17a-pregna-2,5(10)-dien-20-yn-17-ol		799-43-9

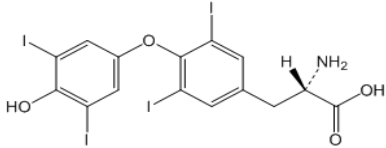
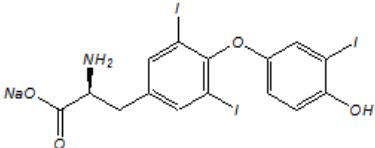
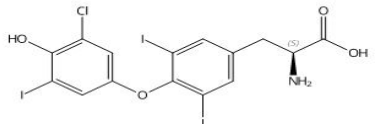
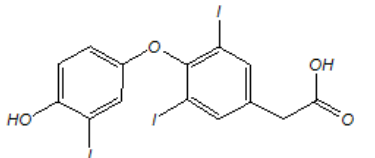
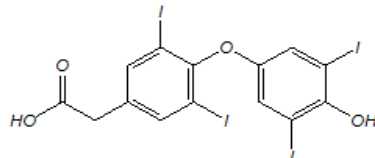
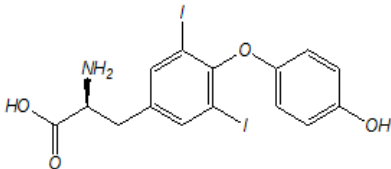
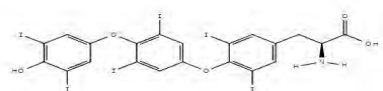


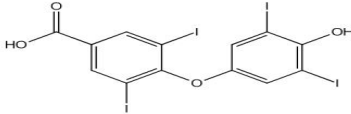
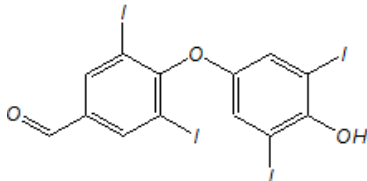
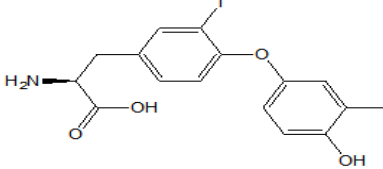
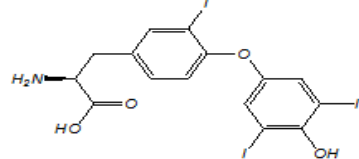
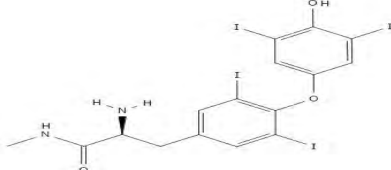
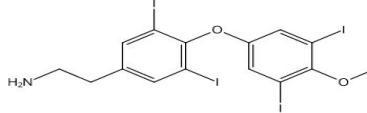
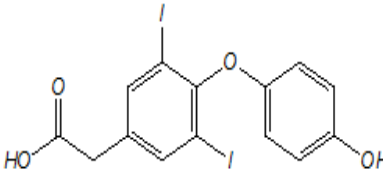
Code	Product Name	Structure	CAS No.
ACI 121023	<b>Levonorgestrel Imp. W (EP):</b> 13-ethyl-17-hydroxy-18,19-dinor-17a-pregna-5,7,9-trien-20-yn-3-one		155683-59-3
ACI 121025	<b>Levonorgestrel Impurity: (17a)-</b> 13-ethyl-3-methoxy-18,19-Dinorpregna-1,3,5(10)-trien-20-yn-17-ol (A-Aromatic-levonorgestrel )		14009-70-2
ACI 121026	<b>Levonorgestrel Impurity: Delta-5(10)-8-alfa-</b> Levonorgestrel		5772-36-1

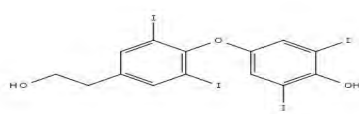
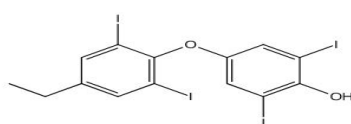
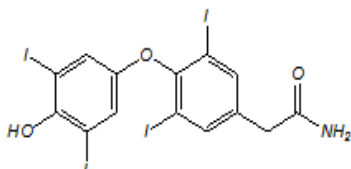
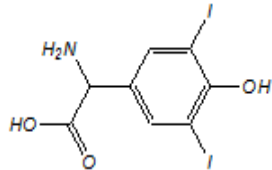
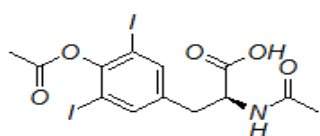
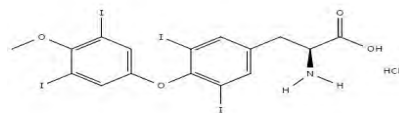
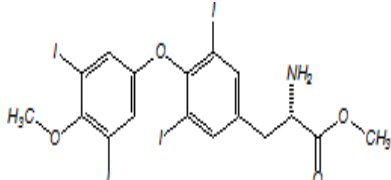
## Levosimendan

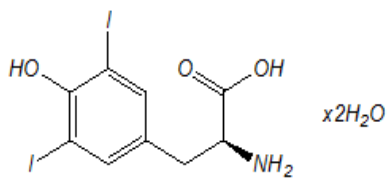
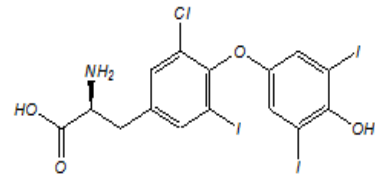
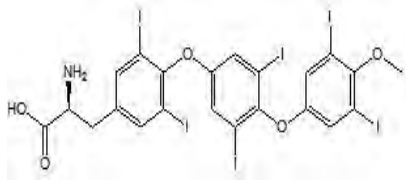
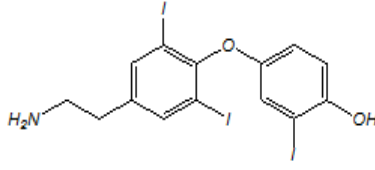
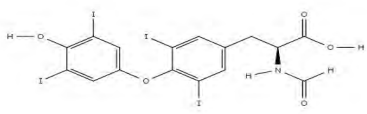
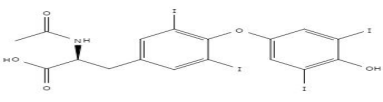
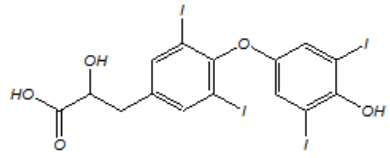
ACI 125601	<b>Levosimendan related compound A:</b> N-(4-((3R)-2-azido-3-methyl-5-oxotetrahydrofuran-2-yl)phenyl)carbonohydrazonoyl dicyanide (mixture of Diastereomers)		252638-01-0
ACI 125604	<b>Levosimendan related compound D:</b> (R)-6-(4-aminophenyl)-5-methyl-4,5--dihydropyridazin-3(2H)-one		101328-85-2
ACI 125605	<b>Levosimendan related compound E:</b> 4-[4-[N'-(carbamoyl-cyano-methylene]-hydrazino]-phenyl]-3-methyl-4-oxo-butyric acid		NA
ACI 125606	<b>Levosimendan related compound F:</b> 4-[4-[N'-(dicyanomethylene)-hydrazino]-phenyl]-3-methyl-4-oxo-butyric acid		NA

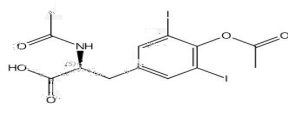
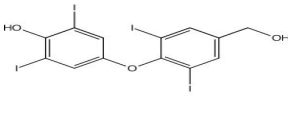
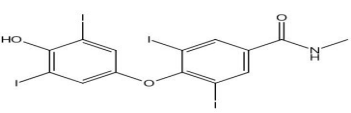
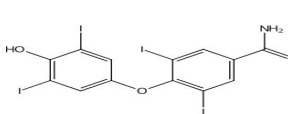
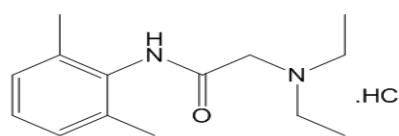
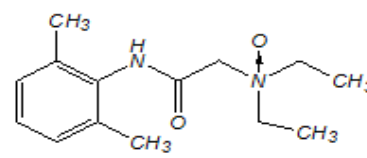
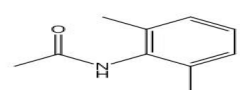
## Levothyroxine

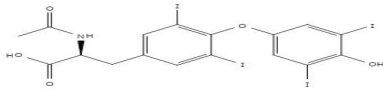
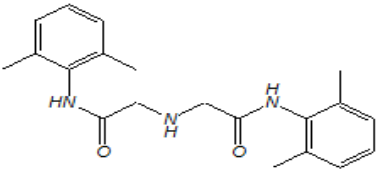
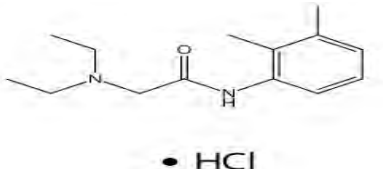
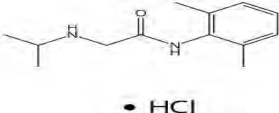
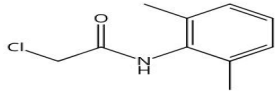
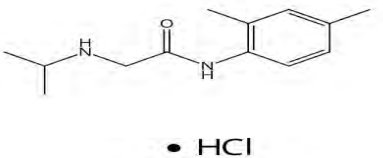
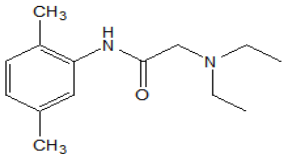
Code	Product Name	Structure	CAS No.
ACI 122600	<b>Levothyroxine:</b> (2S)-2-amino-3-[4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]propanoate (L-Thyroxine)		51-48-9
ACI 122601	<b>Levothyroxine Sodium Imp. A (EP) as sodium salt:</b> (2S)-2-Amino-3-4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenyl propanoic acid sodium salt		55-06-1
ACI 122602	<b>Levothyroxine Sodium Imp. B (EP):</b> 4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenylacetic acid		1628720-66-0
ACI 122603	<b>Levothyroxine Sodium Imp. C (EP):</b> 4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenylacetic acid		51-24-1
ACI 122604	<b>Levothyroxine Sodium Imp. D (EP):</b> 4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenylacetic acid		67-30-1
ACI 122605	<b>Levothyroxine Sodium Imp. E (EP):</b> (2S)-2-amino-3-4-(4-hydroxyphenoxy)-3,5-diiodophenylpropanoic acid		1041-01-6
ACI 122606	<b>Levothyroxine Sodium Imp. F (EP):</b> (2S)-2-amino-3-[4-[4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenoxy]-3,5-diiodophenyl]propanoic acid		911661-90-0

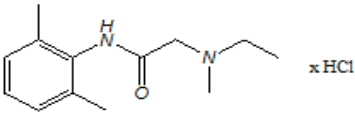
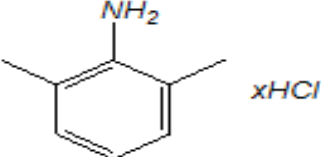
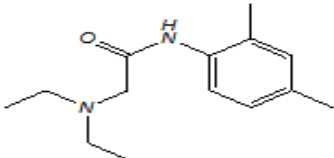
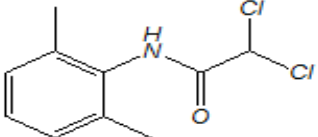
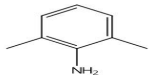
Code	Product Name	Structure	CAS No.
ACI 122608	<b>Levothyroxine Sodium Imp. H (EP):</b> 4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzoic acid		2055-97-2
ACI 122609	<b>Levothyroxine Sodium Imp. I (EP):</b> 4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzaldehyde		2016-06-0
ACI 122610	<b>Levothyroxine Sodium Imp. J (EP):</b> (2S)-2-amino-3-4-(4-hydroxy-3-iodophenoxy)-3-iodophenylpropanoic acid,		4604-41-5
ACI 122611	<b>Levothyroxine Sodium Imp. K (EP):</b> (2S)-2-amino-3-4-(4-hydroxy-3,5-diiodophenoxy)-3-iodophenylpropanoic acid		5817-39-0
ACI 122612	<b>Levothyroxine Sodium Impurity:</b> (S)-2-Amino-3-4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl-N-methylpropanamide		NA
ACI 122613	<b>Levothyroxine Sodium Impurity:</b> 4-(3,5-diiodo-4-methoxyphenoxy)-3,5-diiodo-Benzeneethanamine		2230724-39-5
ACI 122616	<b>Levothyroxine Sodium Impurity:</b> 4-(4-Hydroxyphenoxy)-3,5-diiodophenylacetic acid (T2 acetic acid)		1155-40-4

Code	Product Name	Structure	CAS No.
ACI 122617	<b>Levothyroxine Sodium Impurity:</b> 4-(4-(2-Hydroxyethyl)-2,6-diiodophenoxy)-2,6-diiodophenol (T4 ethanol)		NA
ACI 122618	<b>Levothyroxine Sodium Impurity:</b> 4-(4-Ethyl-2,6-diiodophenoxy)-2,6-diiodo-phenol (T4 ethane)		176258-89-2
ACI 122619	<b>Levothyroxine Sodium Impurity:</b> 2-(4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl) acetamide (T4 acetic amide)		176258-88-1
ACI 122620	<b>Levothyroxine Sodium Impurity:</b> alpha-Amino-4-hydroxy-3,5-diiodophenylacetic acid (Ether cleavage product)		$x\text{HCl}$ 854646-83-6
ACI 122621	<b>Levothyroxine Sodium Impurity:</b> (2-Acetamido-3-(4-acetoxy-3,5-diiodophenyl)propanoic acid		153324-21-1
ACI 122623	<b>Levothyroxine Sodium Impurity:</b> O-Methyl Levothyroxine		4367-89-9
ACI 122624	<b>Levothyroxine Sodium Impurity:</b> O-Methyl levothyroxine methyl ester		1365609-77-3

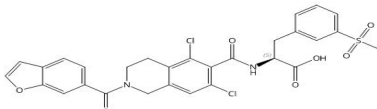
Code	Product Name	Structure	CAS No.
ACI 122625	<b>Levothyroxine Sodium Impurity:</b> 3,5-Diiodo-L-tyrosine		300-39-0
ACI 122627	<b>Levothyroxine Sodium Impurity:</b> (S)-2-amino-3-[3-chloro-4-(4-hydroxy-3,5-diiodophenoxy)-5-iodophenyl]-propanoic acid (Monochlorotriiodothyronine)		909279-46-5
ACI 122628	<b>Levothyroxine Sodium Impurity:</b> (S)-2-amino-3-(4-(4-(3,5-diiido-4-methoxyphenoxy)-3,5-diiodophenoxy)-3,5-diiodophenyl)propanoic acid		NA
ACI 122630	<b>Levothyroxine Sodium Impurity:</b> 4-(4-(2-aminoethyl)-2,6-diiodophenoxy)-2-iodophenol		4731-88-8
ACI 122632	<b>Levothyroxine Sodium Impurity:</b> N-Formyl-O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine [N-Formyl-T4 (USP)]		671235-41-9
ACI 122633	<b>Levothyroxine Sodium Impurity:</b> N-Acetyl-O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine (N-Acetyl-T4)		26041-51-0
ACI 122634	<b>Levothyroxine Sodium Impurity:</b> 3-[4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]lactic Acid (T4 lactic acid)		7069-47-8

Code	Product Name	Structure	CAS No.
ACI-122621	<b>Levothyroxine Impurity: 2-Acetamido-3-(4-acetoxy-3,5-diiodophenyl)propanoic acid</b>		153324-21-1
ACI-122622	<b>Levothyroxine T4 Methanol: 4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzenemethanol</b>		2055-94-9
ACI-122635	<b>Levothyroxine Sodium Impurity: 4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodo-N-methylbenzamide</b>		2088032-78-2
ACI-122636	<b>Levothyroxine benzamide Impurity : 4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzamide</b>		1421272-70-9
<b>Lidocaine</b>			
ACI 121600	<b>Lidocaine hydrochloride: 2-(Diethylamino)-2',6'-acetoxylidide Hydrochloride</b>		73-78-9
ACI 121602	<b>Lidocaine Imp B (EP): 2-(diethylazinoyl)-N-(2,6-dimethylphenyl)acetamide</b>		2903-45-9
ACI 121603	<b>Lidocaine Imp C (EP): N-(2,6-dimethylphenyl)acetamide</b>		2198-53-0

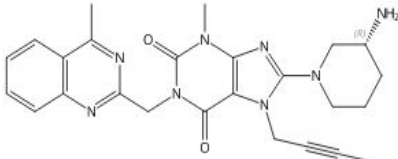
Code	Product Name	Structure	CAS No.
ACI 121604	<b>Lidocaine Imp D (EP) as hydrochloride:</b> N-(2,6-dimethylphenyl)-2-(ethylamino)acetamide hydrochloride		7729-94-4
ACI 121605	<b>Lidocaine Imp E (EP):</b> 2,2'-iminobis(N-(2,6-dimethylphenyl) acetamide)		745798-07-6
ACI 121606	<b>Lidocaine Imp F (EP) as hydrochloride:</b> 2-(diethylamino)-N-(2,3-dimethylphenyl)acetamide hydrochloride	 <p>• HCl</p>	857170-72-0
ACI 121607	<b>Lidocaine Imp G (EP) as hydrochloride:</b> N-(2,6-dimethylphenyl)-2-((1-methylethyl)amino) acetamide hydrochloride	 <p>• HCl</p>	35891-87-3
ACI 121608	<b>Lidocaine Imp H (EP):</b> 2-chloro-N-(2,6-dimethylphenyl) acetamide		1131-01-7
ACI 121609	<b>Lidocaine Imp I (EP) as hydrochloride:</b> 2-(diethylamino)-N-(2,4-dimethylphenyl)acetamide hydrochloride	 <p>• HCl</p>	112539-18-1
ACI 121610	<b>Lidocaine Imp J (EP) as hydrochloride:</b> 2-(diethylamino)-N-(2,5-dimethylphenyl)acetamide hydrochloride	 <p>x HCl</p>	1012864-23-1

Code	Product Name	Structure	CAS No.
ACI 121611	<b>Lidocaine Hydrochloride Imp K (EP) as hydrochloride:</b> N-(2,6-dimethylphenyl)-2-(ethylmethylamino)acetamide hydrochloride		50295-20-0
ACI 121616	<b>Lidocaine Hydrochloride Imp A (EP) as hydrochloride:</b> 2,6-dimethylaniline hydrochloride		21436-98-6
ACI 121617	<b>Lidocaine Hydrochloride Imp I (EP):</b> 2-(diethylamino)-N-(2,4-dimethylphenyl)acetamide		17289-53-1
ACI 121618	<b>Lidocaine Hydrochloride Impurity:</b> n-Dichloroacetyl-2,6-xylidine (n-dichloroacetyl-2-6-dimethylaniline)		39084-88-3
ACI-121601	<b>Lidocaine Hydrochloride Imp.A (EP):</b> 2,6-dimethylaniline		87-62-7

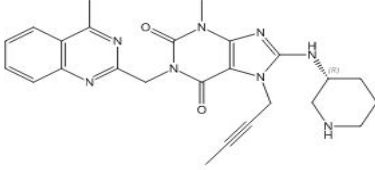
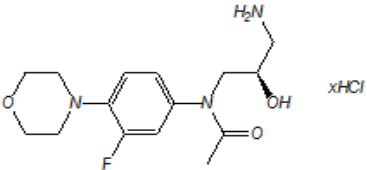
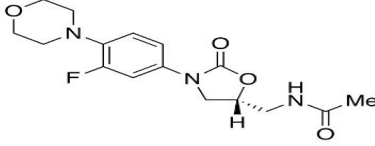
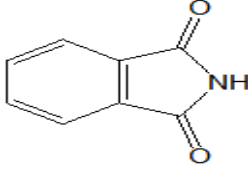
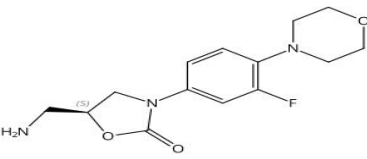
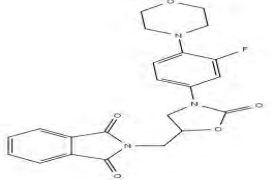
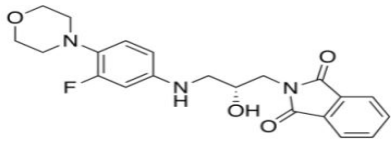
## Lifitegrast


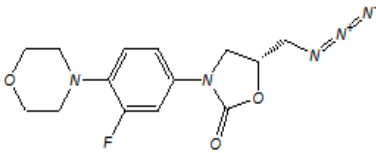
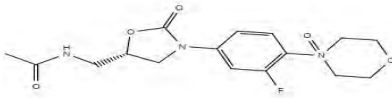
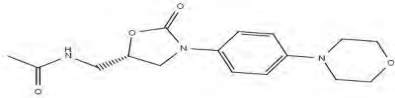
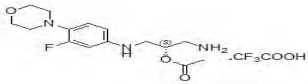
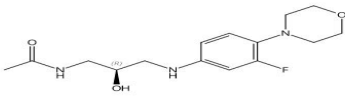
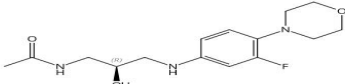
ACI 125400	<b>Lifitegrast:</b> N-[[2-(6-Benzofuranylcarbonyl)-5,7-dichloro-1,2,3,4-tetrahydro-6-isoquinolinyl]carbonyl]-3-(methylsulfonyl)-L-phenylalanine		1025967-78-5
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## Linagliptin

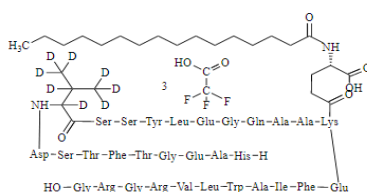
ACI 123300	<b>Linagliptin:</b> 8-[(3R)-3-aminopiperidin-1-yl]-7-(but-2-yn-1-yl)-3-methyl-1-[(4-methylquinazolin-2-yl)methyl]-3,7-dihydro-1H-purine-2,6-dione		668270-12-0
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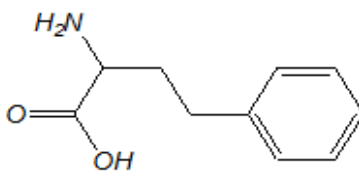
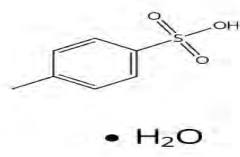
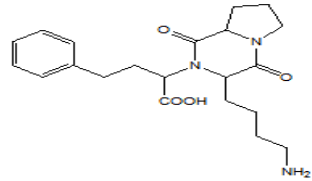
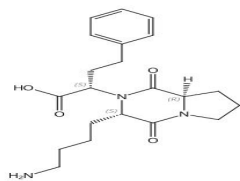
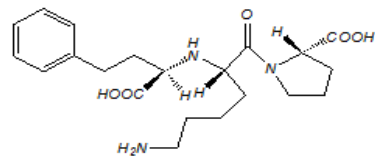
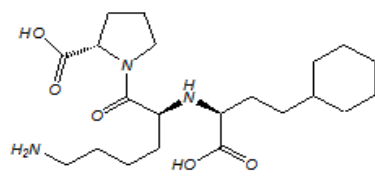
Code	Product Name	Structure	CAS No.
ACI 123313	<b>Linagliptin Impurity:</b> (R)-7-(But-2-yn-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-8-(piperidin-3-ylamino)-3,7-dihydro-1H-purine-2,6-dione		1446263-38-2
<b>Linezolid</b>			
ACI 122511	<b>Linezolid Impurity as hydrochloride salt:</b> N-(2S)-3-Amino-2-hydroxypropyl-N-3-fluoro-4-(4-morpholinyl)phenyl acetamide hydrochloride		1391068-25-9
ACI 122512	<b>Linezolid Impurity:</b> N-[[[(5R)-3-[3-Fluoro-4-(4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl] methyl] acetamide		872992-20-6
ACI 122513	<b>Linezolid Impurity:</b> Isoindoline-1, 3-Dione (Linezolid Phthalimide)		85-41-6
ACI 122516	<b>Linezolid Impurity:</b> (5S)-5-(Aminomethyl)-3-[3-fluoro-4-(4-morpholinyl)phenyl]-2-oxazolidinone		168828-90-8
ACI 122517	<b>Linezolid Impurity:</b> N-[[[3-[3-Fluoro-4-(4-morpholinyl)phenyl] -2-oxo-5-oxazolidinyl]methyl]phthalimide		NA
ACI 122518	<b>Linezolid Impurity:</b> 2-[(2R)-3-[[3-Fluoro-4-(4-morpholinyl)phenyl]amino]-2-hydroxypropyl]-1H-isindole-1,3(2H)-dione ; N-(3-Phthalimido-2-(R)-hydroxypropyl)-3-fluoro-4-(morpholinyl)aniline		874340-08-6

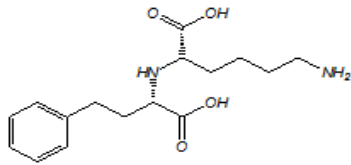
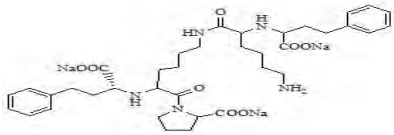
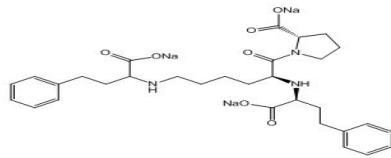
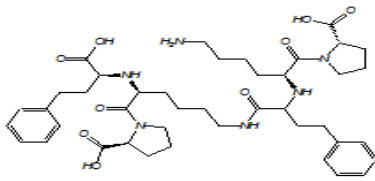
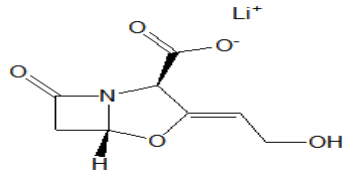
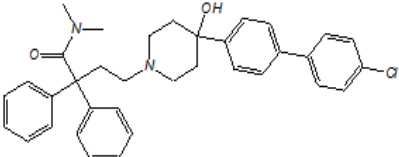
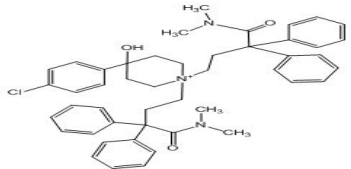
Code	Product Name	Structure	CAS No.
ACI 122519	<b>Linezolid Impurity:</b> 5-Hydroxymethyl-2-furaldehyde		67-47-0
ACI 122520	<b>Linezolid Impurity:</b> (R)-5-(azidomethyl)-3-(3-fluoro-4-morpholinophenyl)oxazolidin-2-one		168828-84-0
ACI 122521	<b>Linezolid Impurity:</b> N-[[[(5S)-3-[3-fluoro-4-(4-oxido-4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-acetamide (Linezolid N-Oxide)		189038-36-6
ACI 122522	<b>Linezolid Impurity:</b> N-[[[(5S)-3-[4-(4-Morpholinyl)phenyl]-2-oxo-5-oxazolidinyl]acetamide (Linezolid Desfluoro Impurity)		556801-15-1
ACI 122523	<b>Linezolid Impurity:</b> (2S)-1-Amino-3-[[3-fluoro-4-(4-morpholinyl)phenyl]amino]-2-propanol 2-Acetate trifluoroacetic acid		NA
333753-67-6	<b>Linezolid Descarbonyl (R)-Isomer:</b> N-[(2R)-3-[[3-Fluoro-4-(4-morpholinyl)phenyl]amino]-2-hydroxypropyl] acetamide		333753-67-6
ACI-122524	<b>Linezolid Descarbonyl (R)-Isomer:</b> N-[(2R)-3-[[3-Fluoro-4-(4-morpholinyl)phenyl]amino]-2-hydroxypropyl] acetamide		333753-67-6

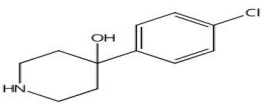
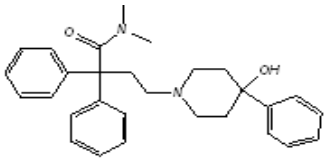
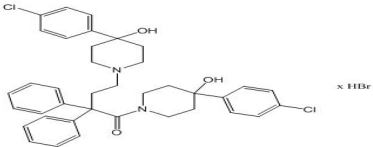
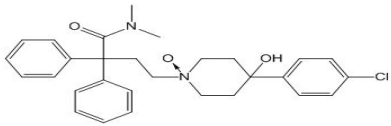
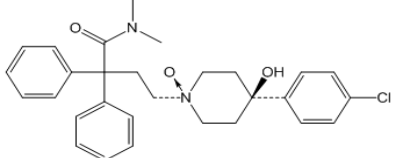
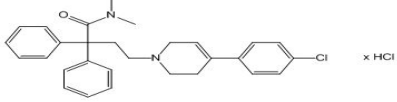
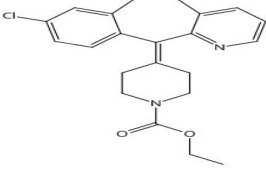
## Liraglutide-d8

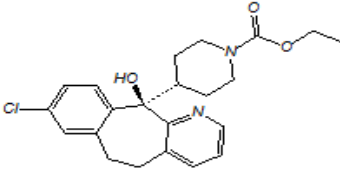
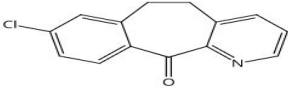
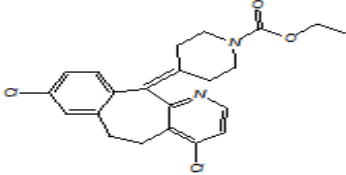
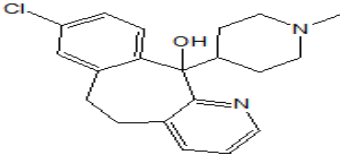
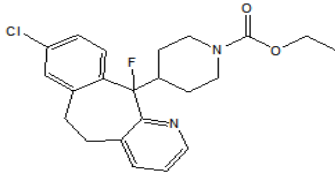
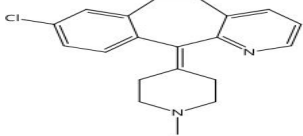
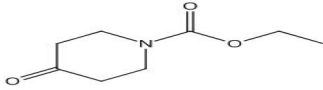
Code	Product Name	Structure	CAS No.
ACI 125730	<b>Liraglutide-d8 Trifluoroacetate:</b> Liraglutide-d8 Trifluoroacetate		204656-20-2(non-labelled,free base)

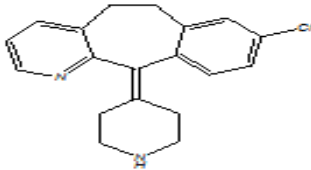
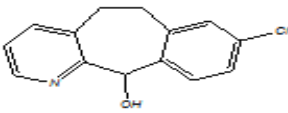
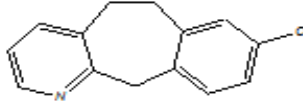
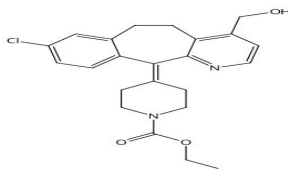
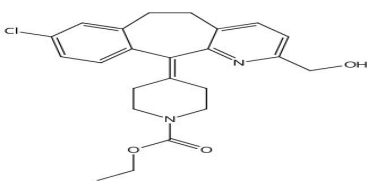
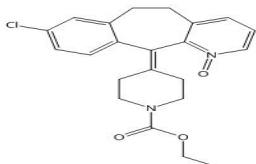
## Lisinopril

ACI 121101	<b>Lisinopril Imp. A (EP):</b> (2RS)-2-Amino-4-phenylbutanoic acid		1012-05-1
ACI 121102	<b>Lisinopril Imp. B (EP) as mono hydrate:</b> 4-methylbenzenesulfonic acid hydrate		6192-52-5
ACI 121103	<b>Lisinopril Imp. C (EP):</b> (2S)-2-(3S,8aS)-3-(4-aminobutyl)-1,4-dioxohexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl-4-phenylbutanoic acid (S,S,S-diketopiperazine)		328385-86-0
ACI 121104	<b>Lisinopril Imp. D (EP):</b> (αS,3S,8aR)-3-(4-Aminobutyl)hexahydro-1,4-dioxo-α-(2-phenylethyl)pyrrolo[1,2-a]pyrazine-2(1H)-acetic Acid		219677-82-4
ACI 121105	<b>Lisinopril Imp. E (EP):</b> (2S)-1-[(2S)-6-Amino-2-[[[(1R)-1-carboxy-3-phenylpropyl]amino]hexanoyl]pyrrolidine-2-carboxylic acid		85955-59-5
ACI 121106	<b>Lisinopril Imp. F (EP):</b> (2S)-1-[(2S)-6-Amino-2[[[(1S)-1-carboxy-3-cyclohexyl-propyl]amino]hexanoyl]pyrrolidine-2-carboxylic acid (cyclohexyl analogue)		1132650-67-9

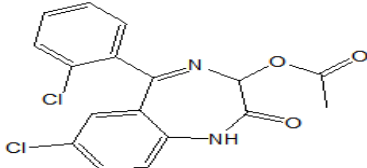
Code	Product Name	Structure	CAS No.
ACI 121107	<b>Lisinopril Imp. G (EP):</b> ((S)-2-((S)-1-carboxy-3-phenylpropyl amino)-6-aminohexanoic acid		138247-43-5
ACI 121108	<b>Lisinopril Dihydrate Impurity as sodium salt:</b> (S)-1-[N2(1-carboxy-3-phenylpropyl)-N6[[[(1-carboxy-3-phenylpropylamino)aminobutyl]methyloxo]-L-lysyl-L-proline trisodium		NA
ACI 121111	<b>Lisinopril Imp. I (EP) as trisodium salt:</b> N6-(1-Carboxy-3-phenylpropyl)-N2-[(1S)-1-carboxy-3-phenylpropyl]-L-lysyl-L-proline trisodium		NA
ACI 121112	<b>Lisinopril Imp. G (EP):</b> (2S)-1-[(2S)-6-amino-2-[[[(2S)-1-[[[(5S)-5-[(1S)-1-carboxy-3-phenylpropyl]amino]-6-[(2S)-2-carboxypyrrolidin-1-yl]-6-oxohexyl]amino]carbonyl]-3-phenylpropyl]amino]hexanoyl] pyrrolidine-2-carboxylic acid (lisinopril dimer),		1356839-89-8
<b>Lithium</b>			
ACI 122700	<b>Lithium Cluvulanate:</b> (2R,3Z,5R)-3-(2-hydroxyethylidene)-7-oxo-4-Oxa-1-azabicyclo[3.2.0]heptane-2-carboxylic acid lithium salt (1:1)		61177-44-4
<b>Loperamide</b>			
ACI 122401	<b>Loperamide Hydrochloride Imp. A (EP):</b> 4-(4-(4'-chlorobiphenyl-4-yl)-4-hydroxypiperidin-1-yl)-N,N-dimethyl-2,2-diphenylbutanamide		1391052-94-0
ACI 122402	<b>Loperamide Hydrochloride Imp. B (EP):</b> 4-(4-chlorophenyl)-1,1-bis-4-(dimethylamino)-4-oxo-3,3-diphenylbutyl-4-hydroxypiperidinium		NA

Code	Product Name	Structure	CAS No.
ACI 122403	<b>Loperamide Hydrochloride Imp. C (EP):</b> 4-(4-chlorophenyl)piperidin-4-ol		39512-49-7
ACI 122404	<b>Loperamide Hydrochloride Imp. D (EP):</b> 4-(4-hydroxy-4-phenylpiperidin-1-yl)-N,N-dimethyl-2,2-diphenylbutanamide		37743-41-2
ACI 122405	<b>Loperamide Hydrochloride Imp. E (EP) as hydrobromide:</b> 4-(4-Chlorophenyl)-1-[4-[4-(4-chlorophenyl)-4-hydroxypiperidin-1-yl]-2,2-diphenylbutanoyl]piperidin-4-ol hydrobromide		NA
ACI 122406	<b>Loperamide Hydrochloride Imp. F (EP):</b> 4-trans-4-(4-chlorophenyl)-4-hydroxy-1-oxidopiperidin-1-yl-N,N-dimethyl-2,2-diphenylbutanamide (loperamide oxide)		106900-12-3
ACI 122407	<b>Loperamide Hydrochloride Imp. G (EP):</b> 4-cis-4-(4-chlorophenyl)-4-hydroxy-1-oxidopiperidin-1-yl-N,N-dimethyl-2,2-diphenylbutanamide		109572-89-6
ACI 122408	<b>Loperamide Hydrochloride Imp. H (EP) as Hydrochloride:</b> 4-[4-(4-chlorophenyl)-3,6-dihydropyridin-1(2H)-yl]-N,N-dimethyl-2,2-diphenylbutanamide hydrochloride		NA
<b>Loratadine</b>			
ACI 120400	<b>Loratadine:</b> Ethyl 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)piperidine-1-carboxylate		79794-75-5

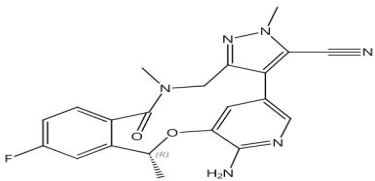
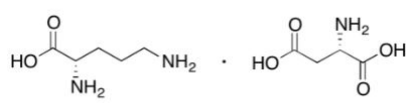
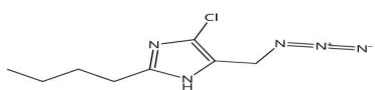
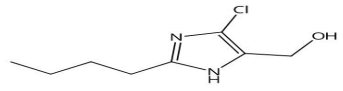
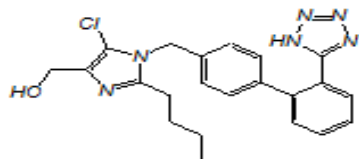
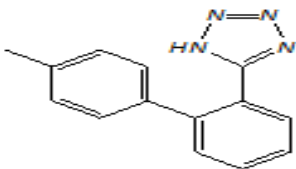
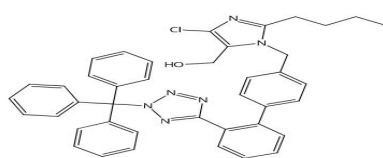
Code	Product Name	Structure	CAS No.
ACI 120401	<b>Loratadine Imp. A (EP):</b> Ethyl 4-(11RS)-8-chloro-11-hydroxy-6,11-dihydro-5H-benzo5,6cyclohepta1,2-bpyridin-11-ylpiperidine-1-carboxylate		133284-74-9
ACI 120402	<b>Loratadine Imp. B (EP):</b> 8-chloro-5,6-dihydro-11H-benzo5,6cyclohepta1,2-bpyridin-11-one		31251-41-9
ACI 120403	<b>Loratadine Imp. C (EP):</b> ethyl 4-(4,8-dichloro-5,6-dihydro-11H-benzo5,6cyclohepta1,2-bpyridin-11-ylidene)piperidine-1-carboxylate		165739-83-3
ACI 120404	<b>Loratadine Impurity:</b> (11RS)-8-Chloro-11-hydroxy-11-(1-methylpiperidin-4-yl)-6,11-dihydro-5H-benzo5,6cyclohepta1,2-bpyridine		38089-93-9
ACI 120406	<b>Loratadine Imp. F (EP):</b> Ethyl 4-(11RS)-8-chloro-11-fluoro-6,11-dihydro-5H-benzo 5,6 cyclohepta1,2-bpyridin-11-ylpiperidine-1-carboxylate		125743-80-8
ACI 120407	<b>Loratadine Imp. G (EP):</b> 8-Chloro-11-(1-methylpiperidin-4-ylidene)-6,11-dihydro-5H-benzo5,6cyclohepta1,2-bpyridine		38092-89-6
ACI 120408	<b>Loratadine Imp. H (EP):</b> Ethyl 4-oxopiperidine-1-carboxylate		29976-53-2

Code	Product Name	Structure	CAS No.
ACI 120411	<b>Loratadine Imp. D (EP):</b> 11-(4-piperidinylidene)-8-chloro-5,6-dihydro-11H-benzo[5,6]-cyclohepta-1,2-bpyridine		100643-71-8
ACI 120412	<b>Loratadine Impurity:</b> 8-chloro-5,6-dihydro-11H-benzo[5,6]-cyclohepta-1,2-bpyridine-11-ol		133330-72-0
ACI 120413	<b>Loratadine Impurity:</b> 8-chloro-5,6-dihydro-11H-benzo[5,6]-cyclohepta-1,2-bpyridine		38093-12-8
ACI 120414	<b>Loratadine Impurity:</b> Ethyl 4-[8-chloro-5,6-dihydro-4-(hydroxy methyl)-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene]-1-piperidine carboxylate		609806-40-8
ACI 120415	<b>Loratadine Impurity:</b> Ethyl 4-[8-chloro-5,6-dihydro-2-(hydroxy methyl)-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene]-1-piperidine carboxylate		609806-39-5
ACI 120416	<b>Loratadine Impurity:</b> 4-(8-Chloro-5,6-dihydro-1-oxido-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-piperidinecarboxylic Acid Ethyl Ester(Loratadine N-Oxide)		165739-62-8

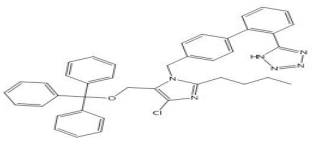
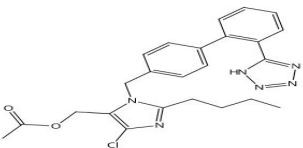
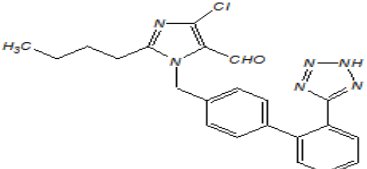
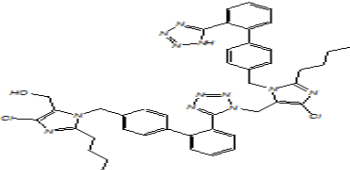
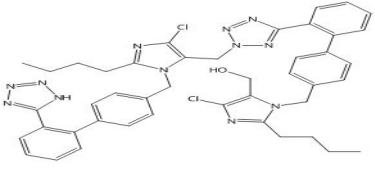
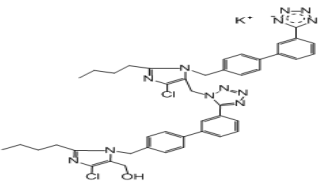
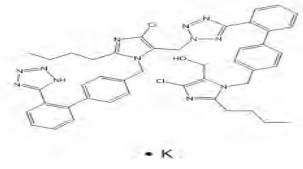
## Lorazepam

ACI 123402	<b>Lorazepam Imp.B(EP):</b> (3RS)-7-chloro-5-(2-chlorophenyl)-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-3-yl acetate		2848-96-6
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## Lorlatinib

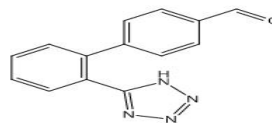
Code	Product Name	Structure	CAS No.
ACI 125200	<b>Lorlatinib:</b> (10R)-7-Amino-12-fluoro-10,15,16,17-tetrahydro-2,10,16-trimethyl-15-oxo-2H-4,8-methenopyrazolo[4,3-h][2,5,11]benzoxadiazacyclotetradecine-3-carbonitrile		1454846-35-5
<b>L-Ornithine</b>			
ACI 151620	<b>L-Ornithine L-Aspartate:</b> (S)-2,5-Diaminopentanoic acid L-aspartate salt		3230-94-2
<b>Losartan</b>			
ACI 120727	<b>Losartan BCFI Azido Impurity:</b> 4-(azidomethyl)-2-butyl-5-chloro-1H-imidazole		2353190-33-5
ACI 120701	<b>Losartan potassium Impurity:</b> 2-Butyl-4-chloro-5-(hydroxymethyl)imidazole		79047-41-9
ACI 120703	<b>Losartan potassium Imp. C (EP):</b> 2-Butyl-5-chloro-1-[2'-(1H-tetrazol-5-yl) biphenyl-4-ylmethyl]-1H-imidazol-4-ylmethanol		114799-13-2
ACI 120705	<b>Losartan potassium Imp. E (EP):</b> 5-(4'-methylbiphenyl-2-yl)-1H-tetrazole		120568-11-8
ACI 120708	<b>Losartan potassium Imp. H (EP):</b> 2-Butyl-4-chloro-1-[[2'-(triphenylmethyl)-2H-tetrazol-5-yl][1,1'-biphenyl-4-yl]methyl]-1H-imidazole-5-methanol		133909-99-6



Code	Product Name	Structure	CAS No.
ACI 120709	<b>Losartan potassium Imp. I (EP):</b> 5-4'-2-butyl-4-chloro-5-(triphenylmethyloxymethyl-1H-imidazol-1-yl)methylbiphenyl-2-yl-1H-tetrazole		1006062-28-7
ACI 120710	<b>Losartan potassium Imp. J (EP):</b> [2-butyl-4-chloro-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazol-5-yl]methyl acetate		11006062-27-6
ACI 120711	<b>Losartan potassium Imp. K (EP):</b> 2-butyl-4-chloro-1-2'-(1H-tetrazol-5-yl)biphenyl-4-ylmethyl-1H-imidazol-5-carbaldehyde		114798-36-6
ACI 120712	<b>Losartan potassium Imp. L (EP):</b> 2-butyl-1-2'-1-2-butyl-4-chloro-1-2'-(1H-tetrazol-5-yl)biphenyl-4-ylmethyl-1H-imidazol-5-ylmethyl-1H-tetrazol-5-ylbiphenyl-4-ylmethyl-4-chloro-1H-imidazol-5-ylmethanol		212316-86-4
ACI 120713	<b>Losartan potassium Imp. M (EP):</b> 2-butyl-1-2'-2-butyl-4-chloro-1-2'-(1H-tetrazol-5-yl)biphenyl-4-ylmethyl-1H-imidazol-5-ylmethyl-2H-tetrazol-5-ylbiphenyl-4-ylmethyl-4-chloro-1H-imidazol-5-ylmethanol		230971-72-9
ACI 120721	<b>Losartan potassium Impurity as potassium salt:</b> [2-Butyl-1-[[2' -[1-[[2-butyl-4-chloro-1-[[2' -(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazol-5-yl]methyl]-1H-tetrazol-5-yl]biphenyl-4-yl]methyl-4-chloro-1H-imidazol-5-yl]methanol potassium		212316-86-4
ACI 120722	<b>Losartan potassium Impurity 2H dimer:</b> 5-4'-(2-Butyl-5-(5-{4'-(2-butyl-4-chloro-5-hydroxymethyl-1H-imidazol-1-yl)methylbiphenyl-2-yl}-1 H-tetrazol-1-yl)methyl-4-chloro-2 H-imidazol-1-yl)methyl)biphenyl-2-yltetrazol, potassium salt		212316-88-6

Code	Product Name	Structure	CAS No.
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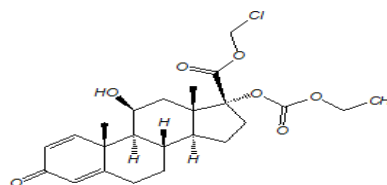
ACI 120723 **Losartan potassium Impurity: 2'-(2H-tetrazole-5-yl) biphenyl-4-carboxaldehyde**



151052-40-3

## Loteprednol

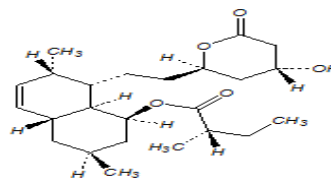
ACI 123800 **Loteprednol Etabonate: Chloromethyl (8S,9S,10R,11S,13S,14S,17R)-17-ethoxycarbonyloxy-11-hydroxy-10,13-dimethyl-3-oxo-7,8,9,11,12,14,15,16-octahydro-6H-cyclopenta[a]phenanthrene-17-carboxylate**



82034-46-6

## Lovastatin

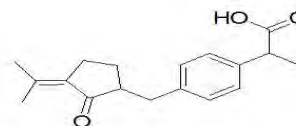
ACI 121505 **Lovastatin imp. E (EP): (1S,3S,4aR,7S,8S,8aS)-8-2-(2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-ylethyl-3,7-dimethyl-1,2,3,4,4a,7,8,8a-octahydronaphthalen-1-yl(2S)-2-methylbutanoate**



77517-29-4

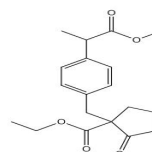
## Loxoprofen

ACI 125812 **Loxoprofen Isopropylidene Impurity: 2-(4-(3-isopropylidene-2-oxocyclopentyl)methylphenyl)propanoic acid**



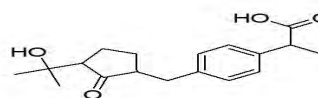
NA

ACI 125813 **Loxoprofen Ethoxy Carbonyl Methyl Ester: Ethyl 1-(4-(1-Methoxy-1-oxopropan-2-yl)benzyl)-2-oxocyclopentane-1-carboxylate**



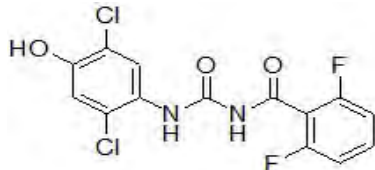
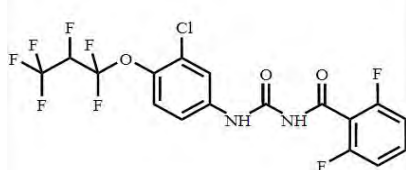
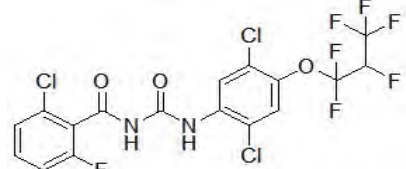
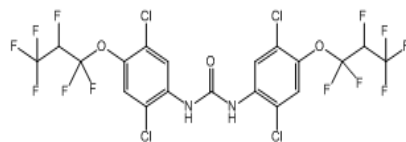
1152440-23-7

ACI 125811 **Loxoprofen Methyl Ethyl Hydroxy impurity: 2-(4-((3-(2-hydroxypropan-2-yl)-2-oxocyclopentyl)methyl)phenyl)propanoic acid**

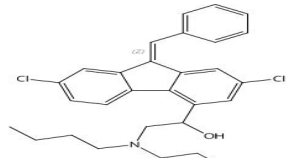


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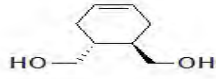
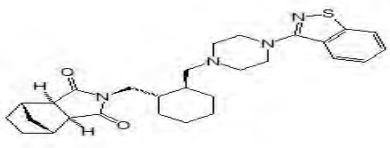
## lufenuron

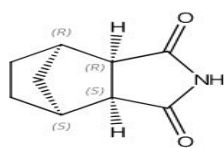
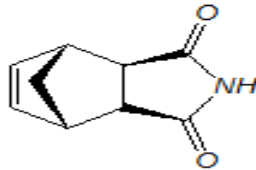
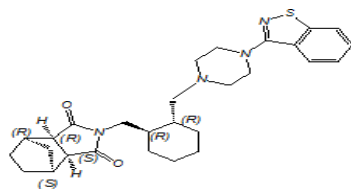
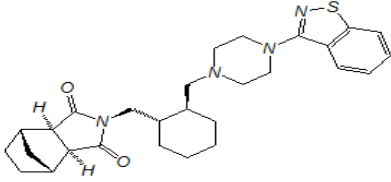
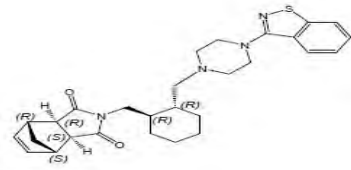
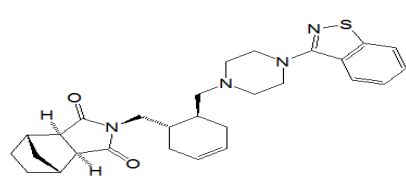
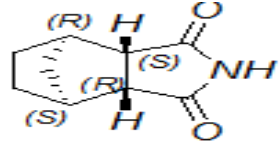
Code	Product Name	Structure	CAS No.
ACI 124802	<b>lufenuron EP Imp.B:</b> 1-(2,5-dichloro-4-hydroxyphenyl)-3-(2,6-difluorobenzoyl)urea		NA
ACI 124803	<b>Lufenuron EP Imp.C:</b> 1-[3-chloro-4-[(2RS)-1,1,2,3,3,3-hexafluoropropoxy]phenyl]-3-(2,6-difluorobenzoyl)urea		NA
ACI 124805	<b>Lufenuron EP Imp.E(EP):</b> 1-(2-chloro-6-fluorobenzoyl)-3-[2,5-dichloro-4-[(2RS)-1,1,2,3,3,3-hexafluoropropoxy]phenyl]urea		NA
ACI 124808	<b>lufenuron EP Imp.H :</b> 1,3-Bis[2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]urea		NA

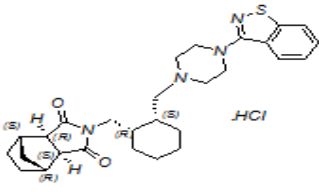
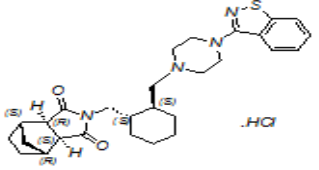
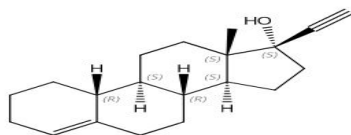
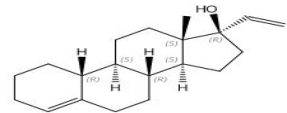
## Lumifentrine

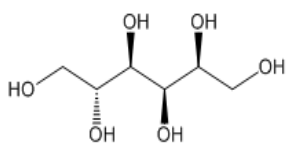
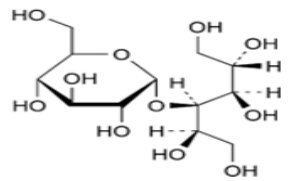
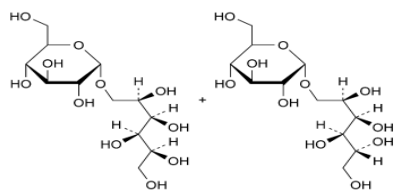
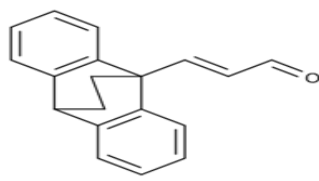
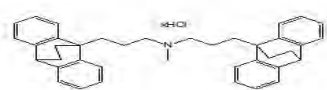
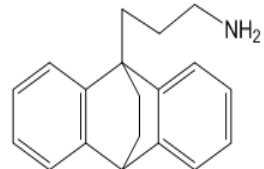
ACI 125511	<b>Lumifentrine Benzylidene impurity:</b> 1-[(9Z)-9-benzylidene-2,7-dichloro-9H-fluoren-4-yl]-2-(dibutylamino)ethanol		1985619-67-7
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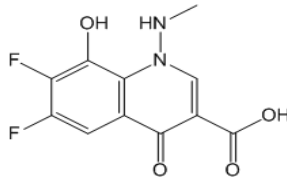
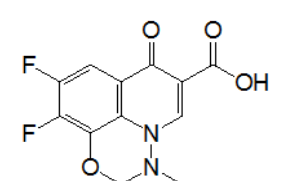
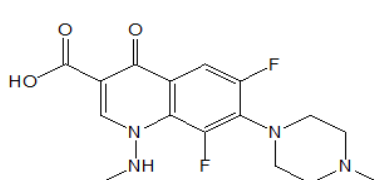
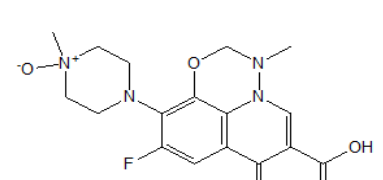
## Lurasidone

ACI 124011	<b>Lurasidone Impurity:</b> Trans-Cyclohex-4-ene-1,2-diyldimethanol		NA
ACI 124012	<b>Lurasidone Impurity:</b> (3aR,4S,7R,7aS)-2-((1S,2S)-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl) hexahydro-4,7-methano-2H-isindole-1,3-dione (1S, 2S Enantiomer).		NA

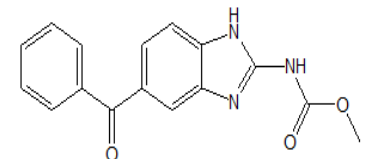
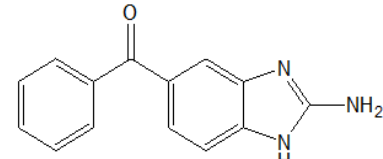
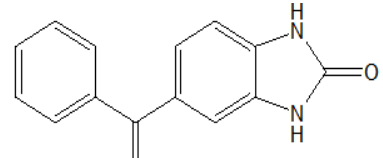
Code	Product Name	Structure	CAS No.
ACI 124013	<b>Lurasidone Impurity:</b> Endo-2,3-Norbornanedicarboximide		28871-95-6
ACI 124014	<b>Lurasidone Impurity:</b> Exo-5-Norbornene-2,3-dicarboximide		6319-06-8
ACI 124015	<b>Lurasidone Impurity:</b> (3aR,4R,7S,7aS)-2-[[1R,2R]-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl]hexahydro-4,7-methano-2H-isoindole-1,3-dione (Endo Lurasidone)		1318074-25-7
ACI 124016	<b>Lurasidone Impurity:</b> (3aR,4S,7R,7aS)-2-[[1R,2S-rel]-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl]hexahydro-4,7-methano-2H-isoindole-1,3-dione (Cis Lurasidone)		194861-82-0
ACI 124017	<b>Lurasidone Impurity:</b> (3aR,4S,7R,7aS)-2-[[1R,2R]-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl]tetrahydro-4,7-methano-2H-5-ene-isoindole-1,3-dione (Exodiene Lurasidone)		NA
ACI 124018	<b>Lurasidone Impurity:</b> (3aR,4S,7R,7aS)-2-[[1R,2R]-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl]hexhydro-4,7-methano-2H-isoindole-1,3-dione (Transdiene Lurasidone)		NA
ACI 124019	<b>Lurasidone Impurity:</b> Exo-2-3-norbornane dicarboxylic		14805-29-9

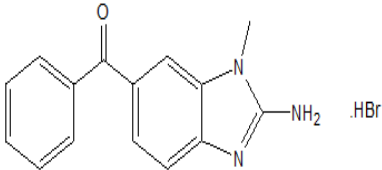
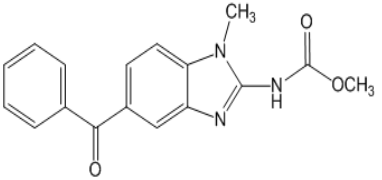
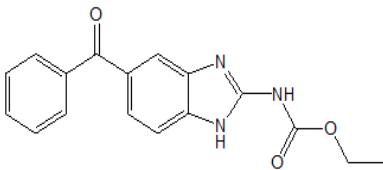
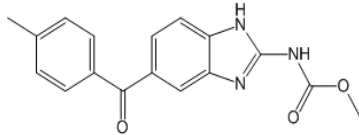
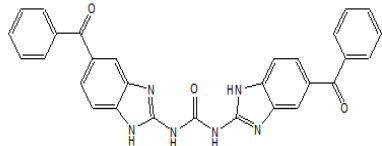
Code	Product Name	Structure	CAS No.
ACI 124021	<b>Lurasidone Impurity:</b> (3aR,4S,7R,7aS)-2-([1R,2S-rel]-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl)hexahydro-4,7-methano-2H-isoindole-1,3-dione hydrochloride		139563-25-0
ACI 124022	<b>Lurasidone Impurity:</b> (3aR,4S,7R,7aS)-2-((1S,2S)-2-[4-(1,2-benzisothiazol-3-yl)-piperazin-1-yl-methyl]-cyclohexyl methyl) hexahydro-4,7-methano-2H-isoindole-1,3-dione hydrochloride		139563-18-1
<b>Lynestrenol</b>			
ACI 125302	<b>Lynestrenol imp.B (EP):</b> 19-Norpregn-4-en-20-yn-17-ol		58311-09-4
ACI 125303	<b>Lynestrenol imp.C (EP):</b> 19-Nor-17 $\alpha$ -pregna-4,20-dien-17-ol		19-Nor-17 $\alpha$ -pregna-4,20-dien-17-ol

Code	Product Name	Structure	CAS No.
<b>Magaldrate</b>			
ACI 135100	<b>Magaldrate:</b> Magnesium aluminate monohydrate		
		$[Al^{3+}] [Mg^{2+}]_2 [OH]^{-} \cdot 7 [H_2O]$	1317-26-6
<b>Mannitol</b>			
ACI 135901	<b>Mannitol Imp. A (EP):</b> D-glucitol (D-sorbitol)		50-70-4
ACI 135902	<b>Mannitol Imp. B (EP):</b> 4-O-α-D-glucopyranosyl-D-glucitol (D-Maltitol)		585-88-6
ACI 135903	<b>Mannitol Imp. C (EP):</b> Mixture of 6-O-α-D-glucopyranosyl-D-glucitol and 1-O-α-D-glucopyranosyl-D-mannitol (Isomalt)		64519-82-0
<b>Maprotiline</b>			
ACI 134301	<b>Maprotiline hydrochloride Imp. A (EP):</b> 3-(9,10-Ethanoanthracen-9(10H)-yl)prop-2-enal		38849-09-1
ACI 134302	<b>Maprotiline hydrochloride Imp. B (EP) as hydrochloride:</b> 3-(9,10-ethanoanthracen-9(10H)-yl)-N-3-(9,10-ethanoanthracen-9(10H)-yl)propyl-N-methylpropan-1-amine hydrochloride		NA
ACI 134303	<b>Maprotiline hydrochloride Imp. C (EP) as hydrochloride:</b> 3-(9,10-ethanoanthracen-9(10H)-yl)propan-1-amine hydrochloride		x HCl 92202-51-2

Code	Product Name	Structure	CAS No.
<b>Marbofloxacin</b>			
ACI 134601	<b>Marbofloxacin Imp. A (EP):</b> 6,7-difluoro-8-hydroxy-1-(methylamino)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		115551-40-1
ACI 134602	<b>Marbofloxacin Imp. B (EP):</b> 9,10-difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[3,2,1-ij][4,1,2]benzoxadiazine-6-carboxylic acid		115551-41-2
ACI 134603	<b>Marbofloxacin Imp. C (EP):</b> 6,8-difluoro-1-(methylamino)-7-(4-methylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		NA
ACI 134606	<b>Marbofloxacin Imp. F (EP):</b> 4-[6-carboxy-9-fluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[3,2,1-ij][4,1,2]benzoxadiazin-10-yl]-1-methylpiperazine 1-oxide.		194023-72-8

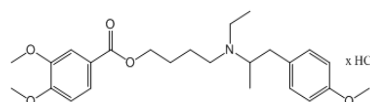
## Mebendazole

ACI 133000	<b>Mebendazole:</b> Methyl (5-benzoyl-1H-benzimidazol-2-yl)carbamate		31431-39-7
ACI 133001	<b>Mebendazole Imp.A (EP):</b> (2-Amino-1H-benzimidazol-5-yl)phenylmethanone.		52329-60-9
ACI 133002	<b>Mebendazole Imp.B (EP):</b> (2-Hydroxy-1H-benzimidazol-5-yl)phenylmethanone		21472-33-3

Code	Product Name	Structure	CAS No.
ACI 133003	<b>Mebendazole Imp. C (EP) As Hydrobromide salt:</b> (2-Amino-1-methyl-1H-benzimidazol-5-yl)phenylmethanone hydrobromide.		NA
ACI 133004	<b>Mebendazole Imp. D (EP):</b> Methyl [5-benzoyl-1-methyl-1H-benzimidazol-2-yl]carbamate		132119-11-0
ACI 133005	<b>Mebendazole Imp.E (EP):</b> Ethyl (5-benzoyl-1H-benzimidazol-2-yl)carbamate		31430-19-0
ACI 133006	<b>Mebendazole Imp. F (EP):</b> Methyl 5-(4-methylbenzoyl)-1H-benzimidazol-2-yl carbamate		31545-31-0
ACI 133007	<b>Mebendazole Imp. G (EP):</b> N,N'-bis(5-benzoyl-1H,-benzimidazol-2-yl)urea		129165-82-8

## Mebeverine

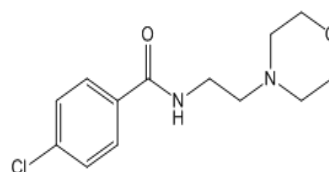
ACI 132100 **Mebeverine hydrochloride:** 4-(1RS)-Ethyl2-(4-methoxyphenyl)-1-ethylethylaminobutyl 3,4-dimethoxybenzoate hydrochloride



2753-45-9

## Meclobemide

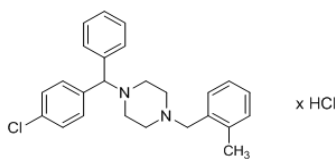
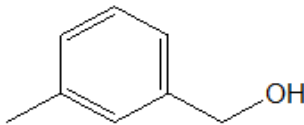
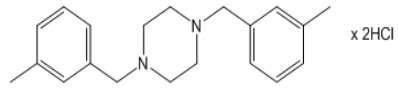
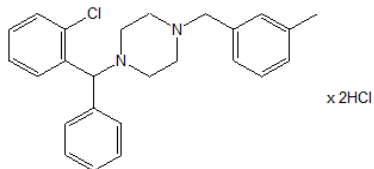
ACI 133600 **Meclobemide:** 4-Chloro-N-2-(4-morpholinyl)ethylbenzamide



71320-77-9

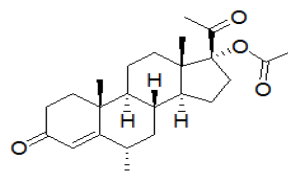
## Meclozine



Code	Product Name	Structure	CAS No.
ACI 132811	<b>Meclozine hydrochloride Impurity as Hydrochloride:</b> 1-[(4-Chlorophenyl)phenylmethyl]-4-[(2-methylphenyl)methyl]-piperazine hydrochloride (Isomeclizine)		NA
ACI 132812	<b>Meclozine hydrochloride Impurity:</b> 3-Methylbenzyl alcohol		587-03-1
ACI 132813	<b>Meclozine hydrochloride Impurity:</b> 1,4-Bis(3-methylbenzyl) piperazine		5321-65-3
ACI 132814	<b>Meclozine hydrochloride Impurity dihydrochloride:</b> 1-(2-Chlorophenyl)phenylmethyl-4-(3-methylphenyl)methyl - piperazine dihydrochloride (Meclozine o-chloro isomer)		n/a

## Medroxy

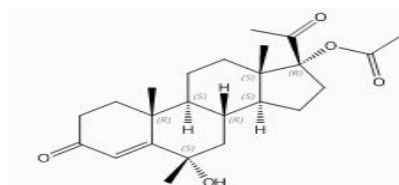
ACI 131100 **Medroxy Progesterone acetate:** 6a-Methyl-3,20-dioxopregn-4-en-17-yl acetate



71-58-9

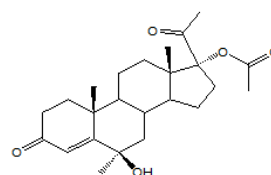
## Medroxyprogesterone

ACI 131101-A **Medroxyprogesterone acetate Imp. A (EP):** Hydroxy-6-methyl-3,20-dioxopregn-4-en-17-yl acetate

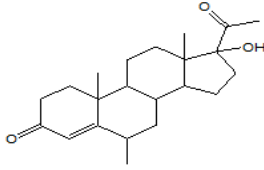
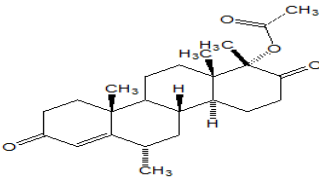
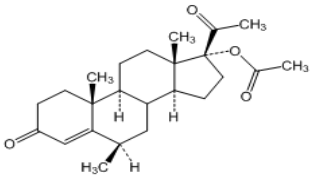
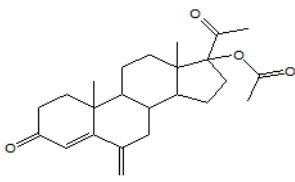
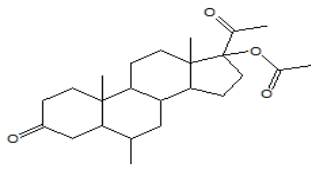
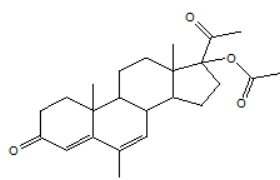
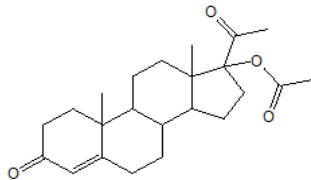


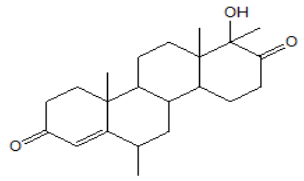
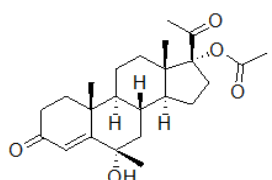
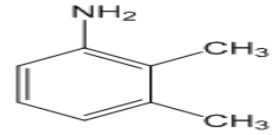
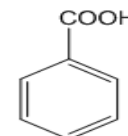
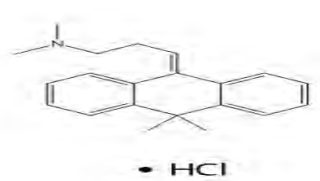
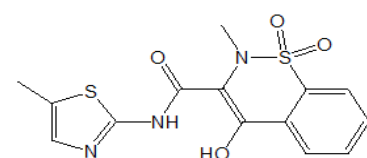
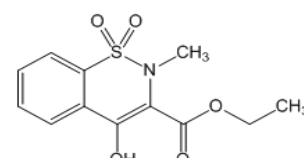
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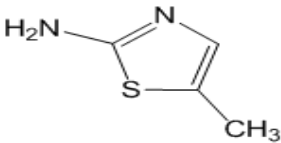
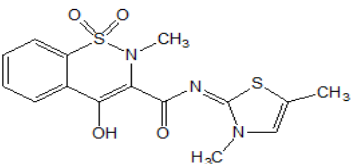
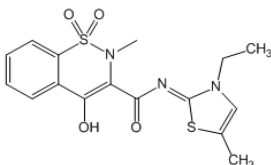
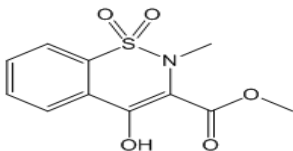
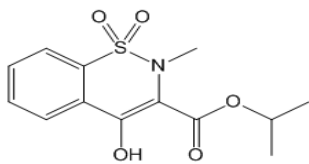
ACI 131101-B **Medroxyprogesterone Acetate Impurity:** 6β-Hydroxy-6-methyl-3,20-dioxopregn-4-en-17-yl acetate



984-47-4

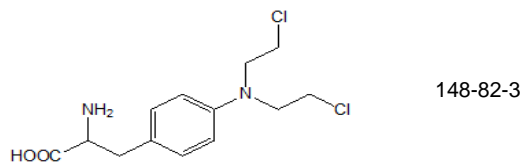
Code	Product Name	Structure	CAS No.
ACI 131102	<b>Medroxyprogesterone Acetate Imp. B (EP):</b> 17-Hydroxy-6-methylpregn-4-ene-3,20-dione		520-85-4
ACI 131103	<b>Medroxyprogesterone Acetate Imp. C (EP):</b> 6a,17a-dimethyl-3,17-dioxo-D-homoandrost-4-en-17aa-yl acetate		n/a
ACI 131104	<b>Medroxyprogesterone Acetate Imp. D (EP):</b> 6β-Methyl-3,20-dioxopregn-4-en-17-yl acetate		2242-65-1
ACI 131105	<b>Medroxyprogesterone Acetate Imp. E (EP):</b> 6-methylidene-3,20-dioxopregn-4-en-17-yl acetate		32634-95-0
ACI 131106	<b>Medroxyprogesterone Acetate Imp. F (EP):</b> 6-Methyl-3,20-dioxo-5-pregnan-17-yl acetate		133268-57-2
ACI 131107	<b>Medroxyprogesterone Acetate Imp. G (EP):</b> 6-Methyl-3,20-dioxopregna-4,6-dien-17-yl acetate		595-33-5
ACI 131108	<b>Medroxyprogesterone Acetate Imp. H (EP):</b> 3,20-Dioxopregn-4-en-17-yl acetate		302-23-8

Code	Product Name	Structure	CAS No.
ACI 131109	<b>Medroxyprogesterone Acetate Imp. I (EP):</b> (17 $\alpha$ )-17 $\alpha$ -Hydroxy-6,17 $\alpha$ -dimethyl-D-homoandrost-4-ene-3,17-dione		n/a
ACI 131111	<b>Medroxyprogesterone acetate impurity:</b> 6 $\alpha$ -hydroxymedroxyprogesterone acetate		984-46-3
<b>Mefenamic</b>			
ACI 133101	<b>Mefenamic acid Imp. A (EP):</b> 2,3-Dimethylaniline		87-59-2
ACI 133104	<b>Mefenamic Acid Impurity. D (EP):</b> Benzoic acid		65-85-0
<b>Melitracen</b>			
ACI 137800	<b>Melitracen Hydrochloride :</b> 3-(10,10-Dimethyl-9(10H)-anthracenylidene)-N,N-dimethyl-1-propanamine Hydrochloride		10563-70-9
<b>Meloxicam</b>			
ACI 133200	<b>Meloxicam:</b> 4-Hydroxy-2-methyl-N-(5-methylthiazol-2-yl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide		71125-38-7
ACI 133201	<b>Meloxicam Imp.A (EP):</b> ethyl 4-hydroxy-2-methyl- 2H-1,2-benzothiazine-3-carboxylate 1,1-dioxide		24683-26-9

Code	Product Name	Structure	CAS No.
ACI 133202	<b>Meloxicam Imp.B (EP):</b> 5-Methylthiazol-2-amine		7305-71-7
ACI 133203	<b>Meloxicam Imp.C (EP):</b> N-(2Z)-3,5-dimethylthiazol-2(3H)-ylidene-4-hydroxy-2-methyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide		1262333-25-4
ACI 133204	<b>Meloxicam Imp.D (EP):</b> N-(2Z)-3-ethyl-5-methylthiazol-2(3H)-ylidene-4-hydroxy-2-methyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide		1331636-17-9
ACI 133205	<b>Meloxicam Imp.E (EP):</b> methyl 4-hydroxy-2-methyl-2H-1,2-benzothiazine-3-carboxylate 1,1-dioxide		35511-15-0
ACI 133206	<b>Meloxicam Imp.F (EP):</b> isopropyl 4-hydroxy-2-methyl-2H-1,2-benzothiazine-3-carboxylate 1,1-dioxide		118854-48-1

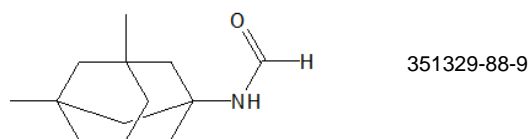
## Melphalan

ACI 131200 **Melphalan:** 4-Bis(2-chloroethyl)aminophenylalanine



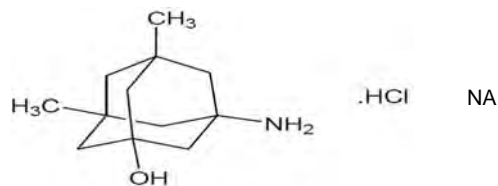
## Memantine

ACI 131805 **Memantine imp E (USP):** N-(3,5-Dimethyltricyclo 3.3.1.1<sup>3,7</sup>dec-1-yl) formamide

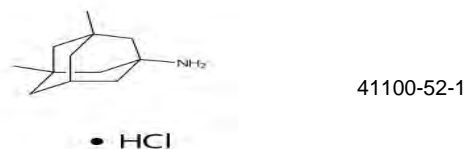


Code	Product Name	Structure	CAS No.
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ACI 131811 **Memantine Impurity as Hydrochloride salt:** 7-Hydroxy Memantine hydrochloride

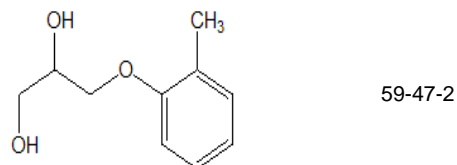


ACI-131800 **Memantine hydrochloride:** 3,5-Dimethyladamantan-1-amine hydrochloride



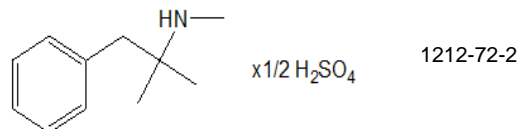
### Mephenesin

ACI 133800 **Mephenesin:** 3-(2-Methylphenoxy)-1,2-propanediol



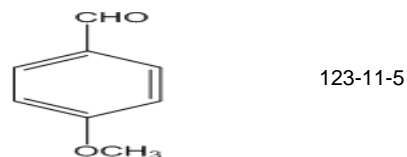
### Mephentermine

ACI 134500 **Mephentermine Hemisulphate:** N,2-dimethyl-1-phenylpropan-2-amine hemisulphate



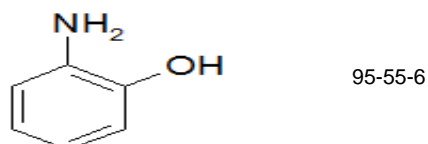
### Mepyramine

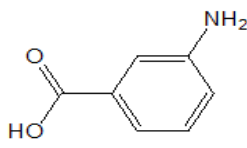
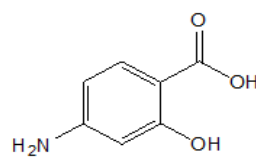
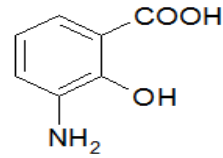
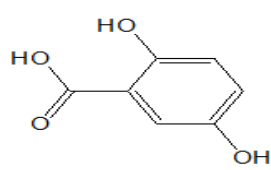
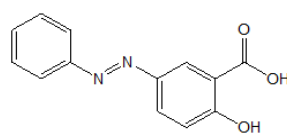
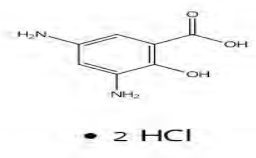
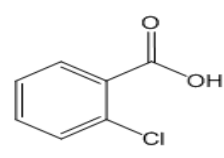
ACI 133402 **Mepyramine Maleate Imp.B (EP):** 4-Methoxybenzaldehyde

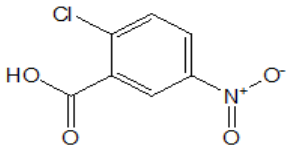
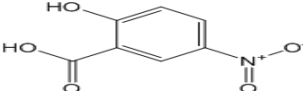
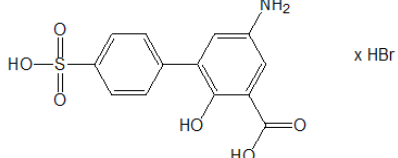
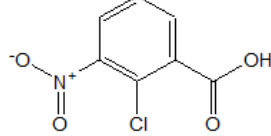
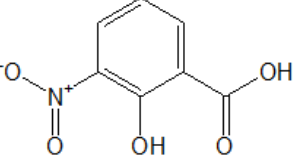
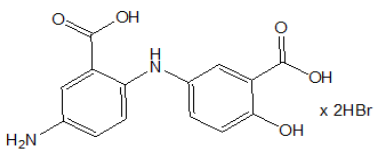
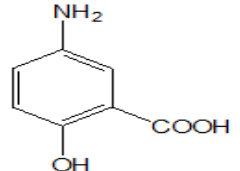


### Mesalazine

ACI 130803 **Mesalazine Imp. C (EP):** 2-Aminophenol



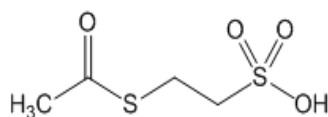
Code	Product Name	Structure	CAS No.
ACI 130804	<b>Mesalazine Imp. D (EP):</b> 3-aminobenzoic acid		99-05-8
ACI 130805	<b>Mesalazine Imp. E (EP):</b> 4-Amino-2-hydroxybenzoic acid		65-49-6
ACI 130806	<b>Mesalazine Imp. F (EP):</b> 3-Amino-2-hydroxybenzoic acid		570-23-0
ACI 130807	<b>Mesalazine Imp. G (EP):</b> 2,5-dihydroxybenzoic acid,		490-79-9
ACI 130809	<b>Mesalazine Imp. I (EP):</b> 2-Hydroxy-5-(phenyldiazenyl) benzoic acid		3147-53-3
ACI 130810	<b>Mesalazine Imp. J (EP) as Dihydrochloride:</b> 3,5-Diamino-2-hydroxybenzoic acid dihydrochloride		2514682-10-9
ACI 130812	<b>Mesalazine Imp. L (EP):</b> 2-Chlorobenzoic acid		118-91-2

Code	Product Name	Structure	CAS No.
ACI 130813	<b>Mesalazine Imp. M (EP):</b> 2-chloro-5-nitrobenzoic acid		2516-96-3
ACI 130814	<b>Mesalazine Imp. N (EP):</b> 2-Hydroxy-5-nitrobenzoic acid		96-97-9
ACI 130816	<b>Mesalazine Imp.P (EP) as hydrobromide salt:</b> 5-amino-2-hydroxy-3-(4-sulphophenyl)benzoic acid hydrobromide		NA
ACI 130817	<b>Mesalazine Imp. Q (EP):</b> 2-Chloro-3-nitrobenzoic acid		3970-35-2
ACI 130818	<b>Mesalazine Imp. R (EP):</b> 2-Hydroxy-3-nitrobenzoic acid		85-38-1
ACI 130819	<b>Mesalazine Imp. S (EP) as dihydrobromide:</b> 2-hydroxy-5-(2-carboxy-4-aminophenyl)aminobenzoic acid dihydrobromide		NA
<b>Mesalazine/Mesalamine</b>			
ACI 130800	<b>Mesalazine/Mesalamine:</b> 5-Amino-2-hydroxybenzoic acid		89-57-6

**Mesna**

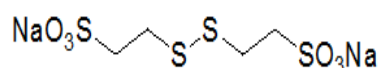
Code	Product Name	Structure	CAS No.
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ACI 135503	<b>Mesna Imp.C (EP):</b> 2-(Acetylsulfonyl)ethanesulfonic acid		
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69536-71-6

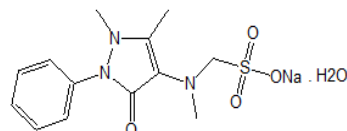
ACI 135504	<b>Mesna Imp.D (EP) as disodium salt:</b> 2,2'-(disulfanediy)bis(ethanesulfonic acid) disodium salt. (Bis(2-sulfoethyl)disulfide Disodium Salt)		
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16208-51-8

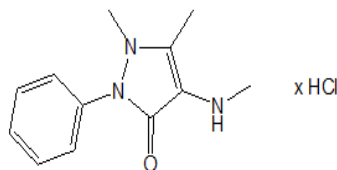
## Metamizole

ACI 133500	<b>Metamizole Sodium Monohydrate:</b> Sodium [(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl) (methyl)amino] methanesulfonate monohydrate		
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5907-38-0

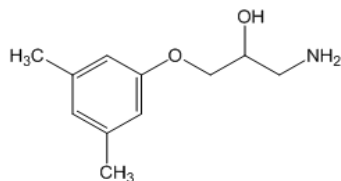
ACI 133503	<b>Metamizole sodium monohydrate Imp.C (EP) as hydrochloride:</b> 1,5-dimethyl-4-(methylamino)-2-phenyl-2,3-dihydro-1H-pyrazol-3-one hydrochloride		
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856307-27-2

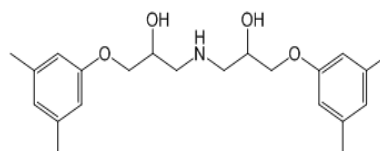
## Metaxalone

ACI 135211	<b>Metaxalone Impurity:</b> 1-amino-3-(3,5-dimethylphenoxy)propan-2-ol		
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66766-07-2

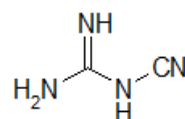
ACI 135212	<b>Metaxalone Impurity:</b> Bis[2-hydroxy-3-(3,5-dimethylphenoxy)propyl]amine		
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805972-34-3

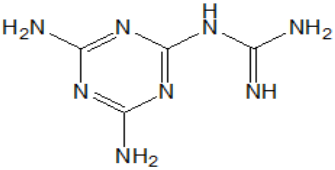
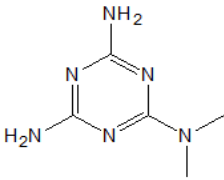
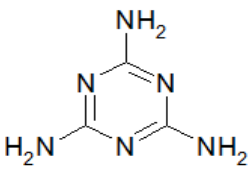
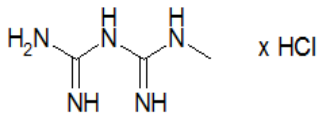
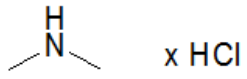
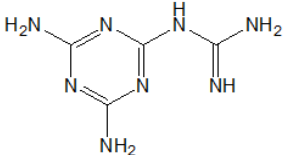
## Metformin

ACI 130401	<b>Metformin Hydrochloride Imp. A (EP):</b> Cyanoguanidine		
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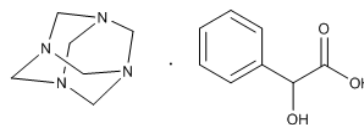
461-58-5



Code	Product Name	Structure	CAS No.
ACI 130402	<b>Metformin Hydrochloride Imp. B (EP) as hydrochloride salt:</b> (4,6-Diamino-1,3,5-triazin-2-yl)guanidine hydrochloride		n/a
ACI 130403	<b>Metformin Hydrochloride Imp. C (EP):</b> N,N-Dimethyl-1,3,5-triazine-2,4,6-triamine		1985-46-2
ACI 130404	<b>Metformin Hydrochloride Imp. D (EP):</b> 1,3,5-triazin-2,4,6-triamine		108-78-1
ACI 130405	<b>Metformin Hydrochloride Imp. E (EP) as Hydrochloride:</b> 1-Methylbiguanide hydrochloride		1674-62-0
ACI 130406	<b>Metformin Hydrochloride Imp. F (EP) as Hydrochloride:</b> N-methylmethanamine hydrochloride		506-59-2
ACI 130411	<b>Metformin Hydrochloride Imp. B (EP):</b> (4,6-Diamino-1,3,5-triazin-2-yl)guanidine		4405-08-7

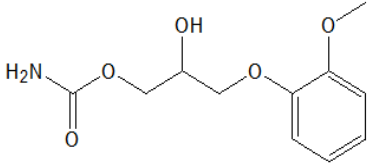
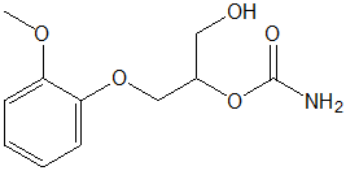
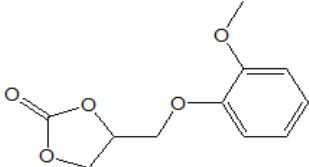
## Methenamine

ACI 137000 **Methenamine Mandelate:** Hexamethylenetetramine mono-(±)-mandelate (1:1)

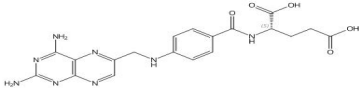
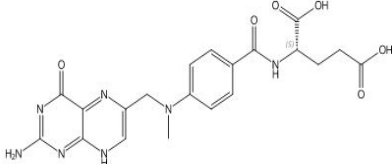


587-23-5

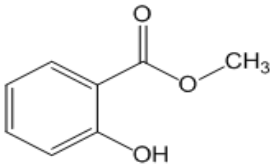
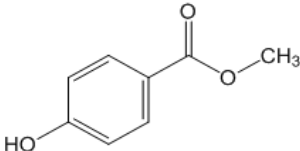
## Methocarbamol

Code	Product Name	Structure	CAS No.
ACI 134800	<b>Methocarbamol:</b> 1,2-Propanediol, 3-(2-methoxyphenoxy)-, 1-carbamate		532-03-6
ACI 134811	<b>Methocarbamol Impurity:</b> 1-Hydroxy-3-(2-methoxyphenoxy)propan-2-yl carbamate(Methocarbamol isomer)		10488-39-8
ACI 134812	<b>Methocarbamol Impurity:</b> 4-[(2-Methoxyphenoxy)methyl]-1,3-dioxolan-2-one(Methocarbamol dioxolone)		2049-21-0

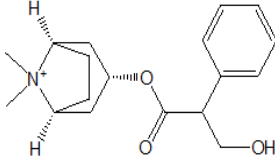
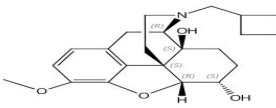
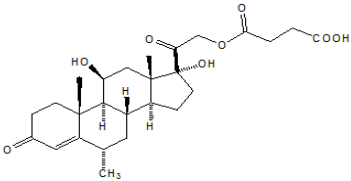
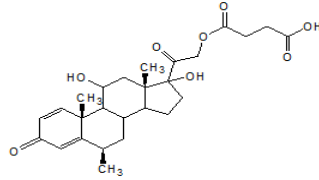
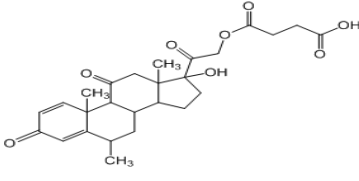
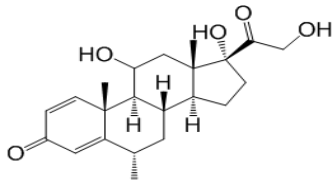
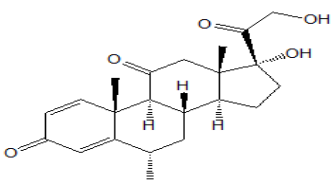
## Methotrexate

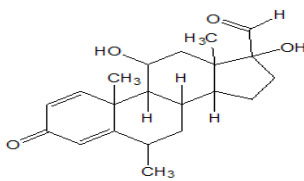
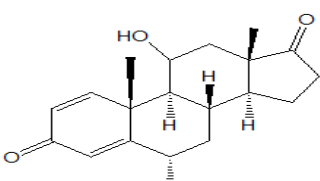
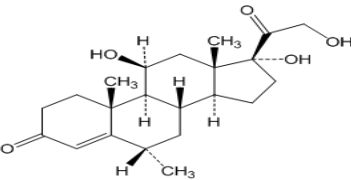
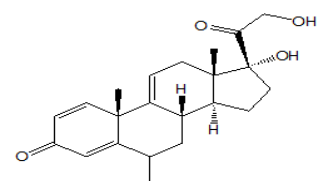
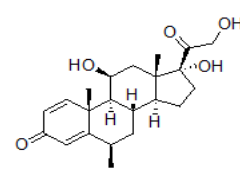
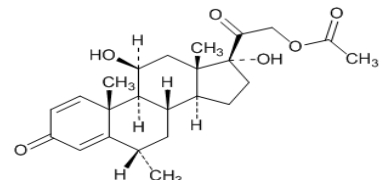
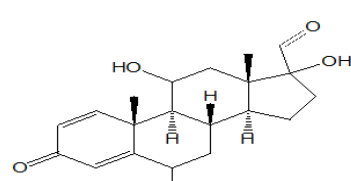
ACI 130602	<b>Methotrexate Impurity B:</b> (2S)-2-[[4-[[[(2,4-diaminopteridin-6-yl)methyl]amino]benzoyl]amino]pentanedioic acid		54-62-6
ACI 130603	<b>Methotrexate Imp. C (EP):</b> (2S)-2-[[4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]methylamino]benzoyl]amino]pentanedioic acid		2410-93-7

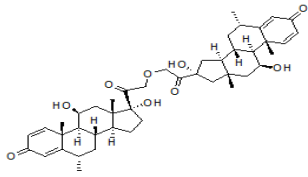
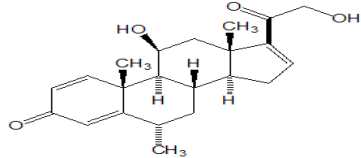
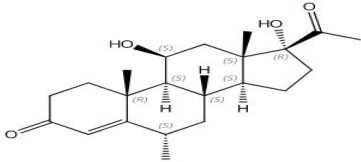
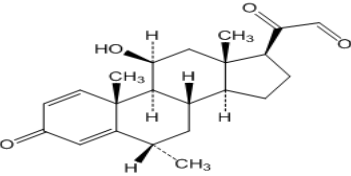
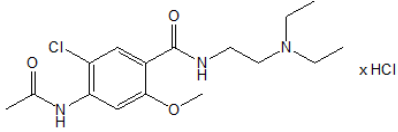
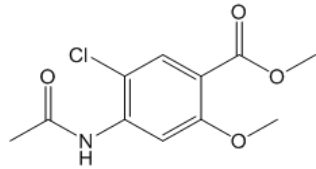
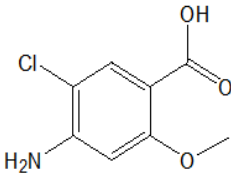
## Methyl

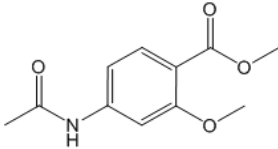
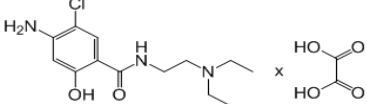
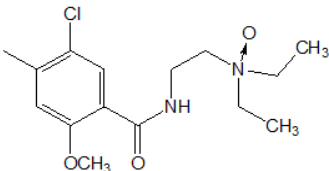
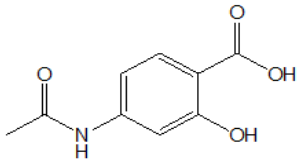
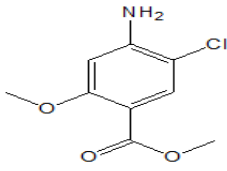
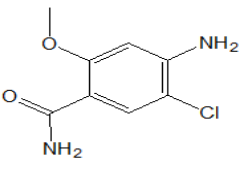
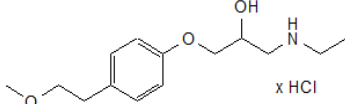
ACI 134100	<b>Methyl salicylate:</b> Methyl 2-hydroxybenzoate		119-36-8
ACI 135800	<b>Methyl 4-Hydroxybenzoate:</b> 4-Hydroxybenzoic Acid Methyl Ester (Methyl Paraben)		99-76-3

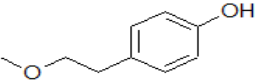
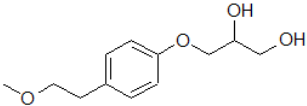
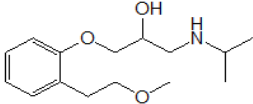
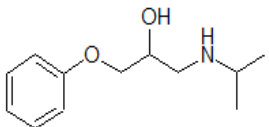
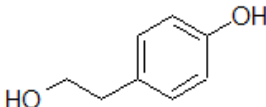
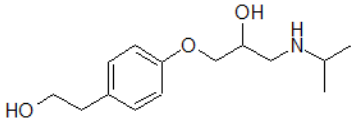
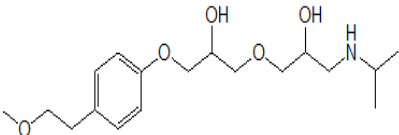
## Methylatropine

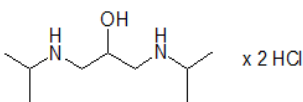
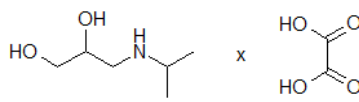
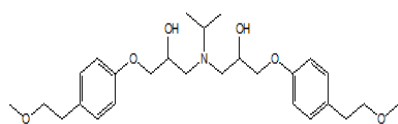
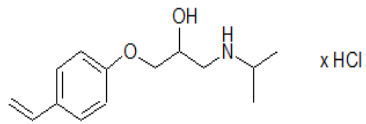
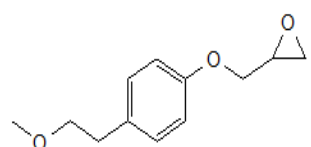
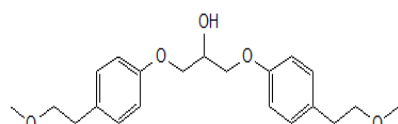
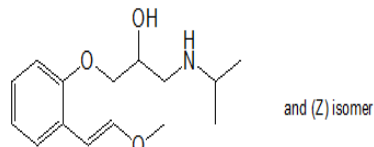
Code	Product Name	Structure	CAS No.
ACI 134000	<b>Methylatropine:</b> (1R,3r,5S)-3-(2RS)-3-hydroxy-2-phenylpropanoyloxy-8,8-dimethyl-8-azoniabicyclo[3.2.1]octane		xBr- 2870-71-5
<b>Methylnalbuphine</b>			
ACI 145413	<b>Methylnalbuphine:</b> (5 $\alpha$ ,6 $\alpha$ )-17-(Cyclobutylmethyl)-4,5-epoxy-3-methoxymorphinan-6,14-diol		90242-27-6
<b>Methylprednisolone</b>			
ACI 134704	<b>Methylprednisolone hydrogen succinate Imp. D (EP):</b> 4-[(11 $\beta$ ,17-Dihydroxy-6 $\alpha$ -methyl-3,20-dioxopregn-4-en-21-yl)oxy]-4-oxobutanoic acid (methylhydrocortisone 21-(hydrogen succinate)).		119657-85-1
ACI 134711	<b>Methylprednisolone hydrogen succinate impurity: 6-</b> beta- Methyl Prednisolone Succinate		NA
ACI 134712	<b>Methylprednisolone hydrogen succinate impurity: 11-</b> Ketomethylprednisolone succinate		NA
ACI 132700	<b>Methylprednisolone:</b> 11 $\beta$ ,17,21-trihydroxy-6 $\alpha$ -methylpregna-1,4-diene-3,20-dione		83-43-2
ACI 132701	<b>Methylprednisolone Imp. A (EP):</b> 17,21-dihydroxy-6 $\alpha$ -methylpregna-1,4-diene-3,11,20-trione		91523-05-6

Code	Product Name	Structure	CAS No.
ACI 132702	<b>Methylprednisolone Imp. B (EP):</b> 11 $\beta$ , 17, 21, 21-tetrahydroxy-6 $\alpha$ -methylpregna-1,4-diene-3,20-dione		NA
ACI 132703	<b>Methylprednisolone Imp. C (EP):</b> 11 $\beta$ -hydroxy-6 $\alpha$ -methylandrosta-1,4-diene-3,17-dione		61919-52-6
ACI 132706	<b>Methylprednisolone Imp. F (EP):</b> 11 $\beta$ , 17, 21-trihydroxy-6 $\alpha$ -methylpregn-4-ene-3,20-dione [6 $\alpha$ -Methyl Hydrocortisone]		1625-39-4
ACI 132707	<b>Methylprednisolone Imp. G (EP):</b> 17, 21-dihydroxy-6 $\alpha$ -methylpregna-1,4,9(11)-triene-3,20-dione		93269-35-3
ACI 132708	<b>Methylprednisolone Imp. H (EP):</b> 6 $\beta$ -Methylprednisolone		18462-27-6
ACI 132710	<b>Methylprednisolone Imp. J (EP):</b> 11 $\beta$ , 17-Dihydroxy-6 $\alpha$ -methyl-3,20-dioxopregna-1,4-dien-21-yl acetate (Methylprednisolone acetate)		53-36-1
ACI 132721	<b>Methylprednisolone Impurity:</b> (11 $\beta$ , 17 $\alpha$ )-Dihydroxy-3-oxo-6 $\alpha$ -methyl-androsta-1,4-diene-17-carboxaldehyde		NA

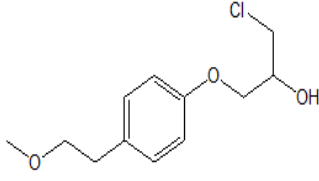
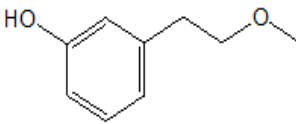
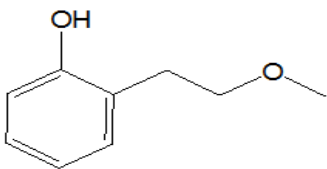
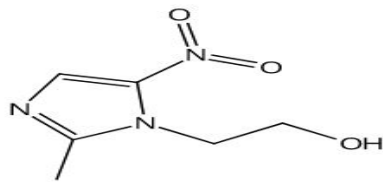
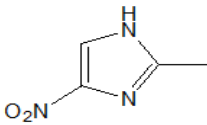
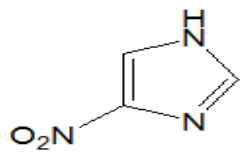
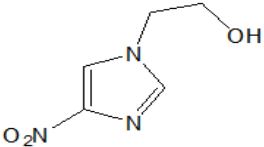
Code	Product Name	Structure	CAS No.
ACI 132722	<b>Methylprednisolone Imp.</b> : Bis-(6 $\alpha$ -Methylprednisolone) 21,21'-Ether (Methylprednisolone dimer RRT 2.75)		NA
ACI 132723	<b>Methylprednisolone Impurity:</b> 11 $\beta$ , 11,21-dihydroxy-6 $\alpha$ -methyl-pregna-,4,16-triene-3,20-dione		NA
ACI 132724	<b>Methylprednisolone Impurity:</b> (6 $\alpha$ ,11 $\beta$ )-11,17-Dihydroxy-6-methylpregn-4-ene-3,20-dione		7055-53-0
ACI 135004	<b>Methylprednisolone acetate Imp.D (EP):</b> 11 $\beta$ -hydroxy-6 $\alpha$ -methylpregna-1,4-diene-3,20,21-trione		150899-33-5
<b>Metoclopramide</b>			
ACI 131401	<b>Metoclopramide Imp. A (EP) as Hydrochloride:</b> 4-(Acetylamino)-5-chloro-N-2-(diethylamino)ethyl-2-methoxybenzamide hydrochloride	 xHCl	476614-94-5
ACI 131402	<b>Metoclopramide Imp. B (EP):</b> methyl 4-(acetylamino)-5-chloro-2-methoxybenzoate		4093-31-6
ACI 131403	<b>Metoclopramide Imp. C (EP):</b> 4-amino-5-chloro-2-methoxybenzoic acid		7206-70-4

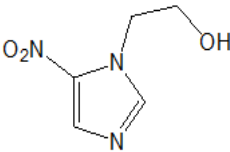
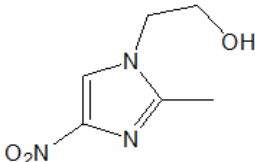
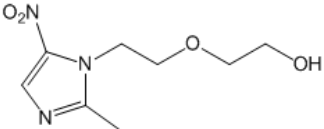
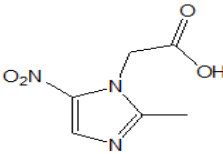
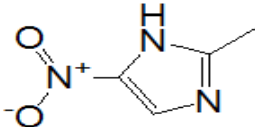
Code	Product Name	Structure	CAS No.
ACI 131404	<b>Metoclopramide Imp. D (EP):</b> methyl 4-(acetylamino)-2-methoxybenzoate		4093-29-2
ACI 131406	<b>Metoclopramide Imp. F (EP) as oxalate:</b> 4-amino-5-chloro-N-2-(diethylamino)ethyl-2-hydroxybenzamide oxalate		NA
ACI 131407	<b>Metoclopramide Imp. G (EP):</b> N'-(4-amino-5-chloro-2-methoxybenzoyl)-N,N-diethylethane-1,2-diamine N-oxide		171367-22-9
ACI 131408	<b>Metoclopramide Imp. H (EP):</b> 4-(acetylamino)-2-hydroxybenzoic acid		50-86-2
ACI 131411	<b>Metoclopramide Impurity:</b> 4-Amino-5-chloro-2-methoxybenzoic acid methyl ester		20896-27-9
ACI 131412	<b>Metoclopramide Impurity:</b> 4-Amino-5-chloro-2-methoxybenzamide		24190-74-7
<b>Metoprolol</b>			
ACI 130101	<b>Metoprolol Tartrate Imp. A (EP) as Hydrochloride:</b> (2RS)-1-(ethylamino)-3-4-(2-methoxyethyl)phenoxypropan-2-ol hydrochloride		NA

Code	Product Name	Structure	CAS No.
ACI 130102	<b>Metoprolol Tartrate Imp. B (EP):</b> 4-(2-methoxyethyl)phenol		56718-71-9
ACI 130104	<b>Metoprolol Tartrate Imp. D (EP):</b> (2RS)-3-4-(2-Methoxyethyl)phenoxypropane-1,2-diol		62572-90-1
ACI 130105	<b>Metoprolol Tartrate Imp. E (EP):</b> (2RS)-1-2-(2-Methoxyethyl)phenoxy-3-(1-methylethyl)aminopropan-2-ol		163685-38-9
ACI 130106	<b>Metoprolol Tartrate Imp. F (EP) as Hydrochloride:</b> (2RS)-1-(1-Methylethyl)amino-3-phenoxypropan-2-ol Hydrochloride	 x HCl	7695-79-6
ACI 130107	<b>Metoprolol Tartrate Imp. G (EP):</b> 2-(4-Hydroxyphenyl) ethanol		501-94-0
ACI 130108	<b>Metoprolol Tartrate Imp. H (EP):</b> (2RS)-1-4-(2-Hydroxyethyl) -phenoxy-3-(1-methylethyl)aminopropan-2-ol		62572-94-5
ACI 130110	<b>Metoprolol Tartrate Imp. J (EP):</b> 1-2-Hydroxy-3-(1-methylethyl)aminopropoxy-3-4-(2-methoxyethyl)phenoxypropan-2-ol		163685-37-8

Code	Product Name	Structure	CAS No.
ACI 130113	<b>Metoprolol Tartrate Imp. M (EP) as Dihydrochloride:</b> 1,3-bis (1-methylethyl)aminopropan-2-ol dihydrochloride		73313-36-7
ACI 130114	<b>Metoprolol Tartrate Imp. N (EP) as oxalate:</b> (2RS)-3-(1-methylethyl)aminopropan-1,2-diol oxalate		73313-34-5
ACI 130115	<b>Metoprolol Tartrate Imp. O (EP):</b> 1,1'-(1-methylethyl)iminobis3-4-(2-methoxyethyl)phenoxy propan-2-ol		154784-36-8
ACI 130120	<b>Metoprolol Tartrate Impurity as Hydrochloride:</b> (2RS)-1-(4-Ethenylphenoxy)-3-(1-methylethyl)aminopropan-2-ol hydrochloride		n/a
ACI 130121	<b>Metoprolol Tartrate Impurity:</b> 1-4-(2-Methoxyethyl)phenoxy-2,3-epoxy-propane		56718-70-8
ACI 130122	<b>Metoprolol Tartrate Impurity:</b> 1,3-bis(4-(2-methoxyethyl)phenoxy)propan-2-ol		230975-30-1
ACI 130123	<b>Metoprolol Tartrate Impurity:</b> (2RS)-1-4-(EZ)-2-Methoxyethenylphenoxy-3-(1 methylethyl)aminopropan-2-ol		82961-02-2 and (Z) isomer



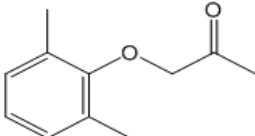
Code	Product Name	Structure	CAS No.
ACI 130124	<b>Metoprolol Impurity:</b> ((+/-)-1-Chloro-2-hydroxy-3-[4-(2-methoxyethyl)phenoxy]-propane)		56718-76-4
ACI 130125	<b>Metoprolol Tartrate Impurity:</b> 3-(2-methoxyethyl) phenol		32846-01-8
ACI 130126	<b>Metoprolol Tartrate Impurity:</b> 2-(2-Methoxyethyl) phenol		330976-39-1
<b>Metronidazole</b>			
ACI 130900	<b>Metronidazole benzoate EP imp.A or Metronidazole:</b> 2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethanol		443-48-1
ACI 130901	<b>Metronidazole Imp. A (EP):</b> 2-methyl-4-nitroimidazole		696-23-1
ACI 130902	<b>Metronidazole Imp. B (EP):</b> 4-nitro-1H-imidazol		3034-38-6
ACI 130903	<b>Metronidazole Imp. C (EP):</b> 2-(4-nitro-1H-imidazol-1-yl)ethanol		5006-69-9

Code	Product Name	Structure	CAS No.
ACI 130904	<b>Metronidazole Imp. D (EP):</b> 2-(5-nitro-1H-imidazol-1-yl)ethanol		5006-68-8
ACI 130905	<b>Metronidazole Imp. E (EP):</b> 2-(2-methyl-4-nitro-1H-imidazol-1-yl)ethanol		705-19-1
ACI 130906	<b>Metronidazole Imp. F (EP):</b> 2-2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethoxyethanol		16156-94-8
ACI 130907	<b>Metronidazole Imp. G (EP):</b> 2-(2-methyl-5-nitro-1H-imidazol-1-yl)acetic acid.		1010-93-1
ACI 130911	<b>Metronidazole Impurity:</b> 2-methyl-5-nitroimidazole		696-23-1

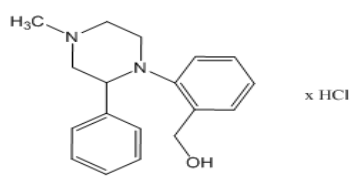
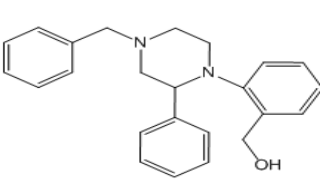
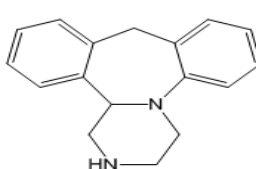
## Metyrosine

ACI 132311	<b>Metyrosine impurity:</b> 5-(4-hydroxyphenyl)methyl-5-methyl-2,4-Imidazolidinedione		13500-25-9
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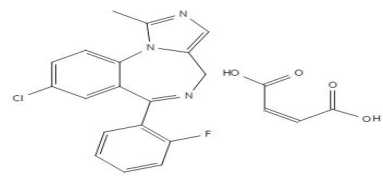
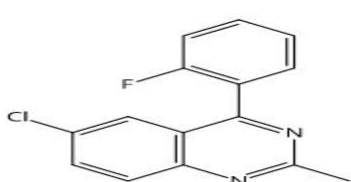
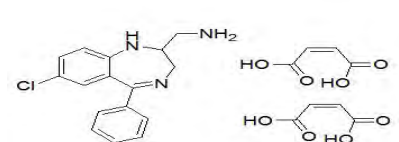
## Mexiletine

ACI 132002	<b>Mexiletine hydrochloride Imp. B (EP):</b> 1-(2,6-dimethylphenoxy)propan-2-one		53012-41-2
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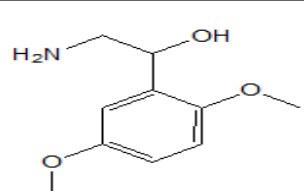
## Mianserin

Code	Product Name	Structure	CAS No.
ACI 135601	<b>Mianserin hydrochloride Imp. A (EP):</b> [2-[(2RS)-4-methyl-2-phenylpiperazin-1-yl]phenyl]methanol,		n/a
ACI 135604	<b>Mianserin hydrochloride Imp. D (EP):</b> [2-[(2RS)-4-benzyl-2-phenylpiperazin-1-yl]phenyl]methanol		n/a
ACI 135605	<b>Mianserin hydrochloride Imp. E (EP):</b> (14bRS)-1,2,3,4,10,14b-hexahydrodibenzo[c,f]pyrazino[1,2-a]azepine		76134-77-5

## Midazolam

ACI 137707	<b>Midazolam Imp.G(EP) as maleate salt:</b> 8-chloro-1-methyl-6-phenyl-4H-imidazo[1,5-a][1,4]benzodiazepine maleic acid (desfluoromidazolam maleic acid salt)		Free base 59467-86-6
ACI 137708	<b>Midazolam Imp.H(EP) :</b> 6-chloro-4-(2-fluorophenyl)-2-methylquinazoline		119401-13-7
ACI 137721	<b>Midazolam impurity:</b> 7-chloro-2,3-dihydro-5-phenyl-1H-1,4-Benzodiazepine-2-methanamine (Z)-2-butenedioate (1:2)		NA

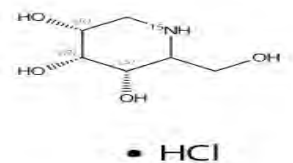
## Midodrine

ACI 135311	<b>Midodrine Impurity:</b> 2-amino-1-(2,5-dimethoxyphenyl)ethanol		3600-87-1
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## Migalastat-15N

Code	Product Name	Structure	CAS No.
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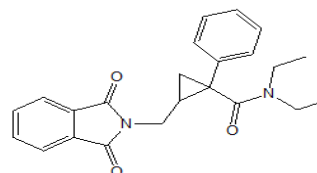
ACI 137330 **Migalastat-15N HCl:** Migalastat-15N HCl



1219134-37-8

## Milnacipran

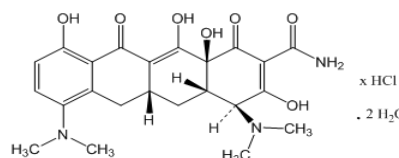
ACI 131601 **Milnacipran Impurity:** cis-2-(1,3-Dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl-N,N-diethyl-1-phenylcyclopropane carboxamide



105310-75-6

## Minocycline

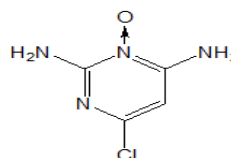
ACI 132900 **Minocycline Hydrochloride Dihydrate:** (4S,4aS,5aR,12aS)-4,7-Bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide hydrochloride dihydrate



128420-71-3

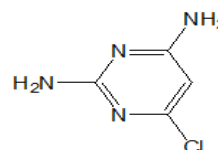
## Minoxidil

ACI 131901 **Minoxidil imp A (EP):** 6-chloropyrimidine-2,4-diamine 3-oxide



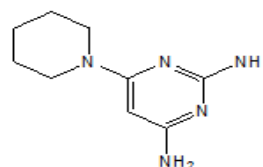
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ACI 131902 **Minoxidil imp B (EP):** 6-chloropyrimidine-2,4-diamine



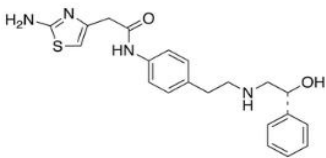
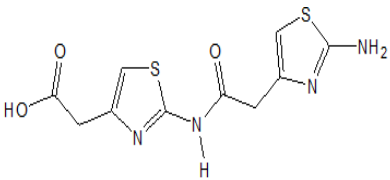
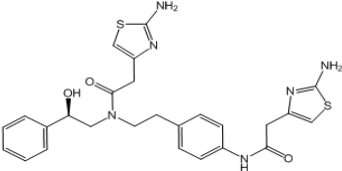
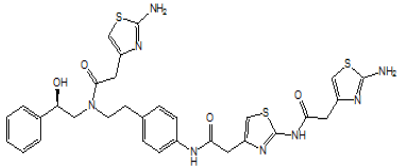
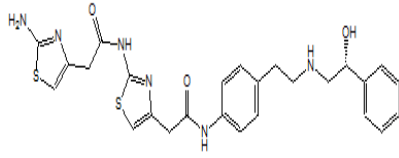
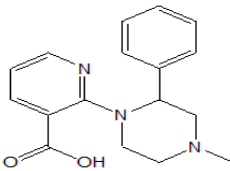
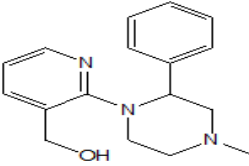
156-83-2

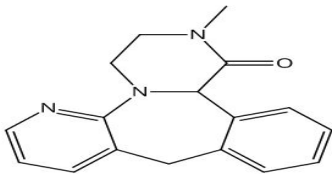
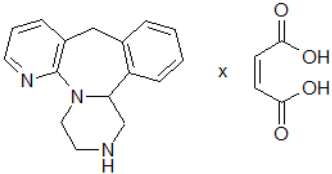
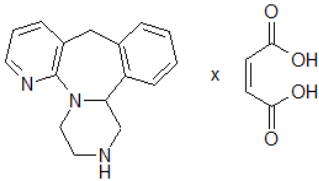
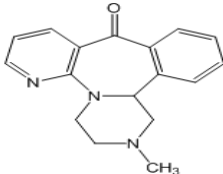
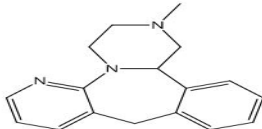
ACI 131905 **Minoxidil imp E (USP):** 6-(piperidin-1-yl)pyrimidine-2,4-diamine



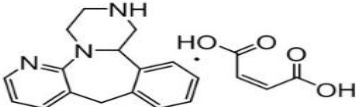
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## Mirabegron

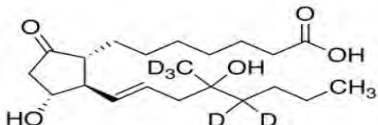
Code	Product Name	Structure	CAS No.
ACI 134900	<b>Mirabegron:</b> (2R)-2-(2-(2-Aminothiazol-4-yl)-4'-[2-[(2-hydroxy-2-phenylethyl)amino]ethyl]acetic Acid Anilide		223673-61-8
ACI 134911	<b>Mirabegron Impurity:</b> 2-(2-(2-(2-Aminothiazol-4-yl)acetamido) thiazol-4-yl) acetic acid		n/a
ACI 134912	<b>Mirabegron Impurity:</b> (R)-2-(2-aminothiazol-4-yl)-N-(4-(2-(2-aminothiazol-4-yl)acetamido)phenethyl)-N-(2-hydroxy-2-phenylethyl)acetamide		1684452-83-2
ACI 134913	<b>Mirabegron Impurity:</b> (R)-2-(2-(2-Aminothiazol-4-yl)-N-(4-(2-(2-(2-aminothiazol-4-yl)acetamido)phenethyl)-N-(2-hydroxy-2-phenylethyl)acetamide		n/a
ACI 134914	<b>Mirabegron Impurity:</b> (R)-2-(2-(2-Aminothiazol-4-yl)-N-(4-(2-((4-(2-((2-hydroxy-2-phenylethyl)amino)ethyl)phenyl)amino)-2oxoethyl)thiazol-2-yl)acetamide hydrochloride		n/a
<b>Mirtazapine</b>			
ACI 130512	<b>Mirtazapine Impurity as Hydrochloride salt:</b> 2-[4-Methyl-2-phenylpiperazine-1-yl]pyridine-3-carboxylicacid Hydrochloride	 .HCl	61338-13-4
ACI 130502	<b>Mirtazapine Imp B. (Pharmaeuropa):</b> 2-(2RS)-4-methyl- 2-phenylpiperazin-1-ylpyridine-3-ylmethanol		61337-89-1

Code	Product Name	Structure	CAS No.
ACI 130503	<b>Mirtazapine Imp. C (EP):</b> (14bRS)-2-methyl-3,4,10,14b-tetrahydropyrazino[2,1-a]pyrido[2,3-c][2]benzazepin-1(2H)-one		191546-96-0
ACI 130504	<b>Mirtazapine Imp. D (Pharmeuropa) as maleate:</b> (14bRS)-1,2,3,4,10,14b-Hexahydropyrazino2,1-apyrido2,3-c2benzazepine maleate		n/a
ACI 130505	<b>Mirtazapine Imp. E (EP):</b> 2(RS)-4-Methyl-1-(3-methylpyridin-2-yl)-2-phenyl piperazine		191546-94-8
ACI 130506	<b>Mirtazapine Imp. F (EP):</b> (14bRS)-2-methyl-1,3,4,14b-tetrahydropyrazino2,1-apyrido2,3-c2benzazepin-10(2H)-one		191546-97-1
ACI WS-130500	<b>Mirtazapine:</b> (14bRS)-2-Methyl-1,2,3,4,10,14b-hexahydropyrazino[2,1-a]pyrido[2,3-c][2]benzazepine		85650-52-8

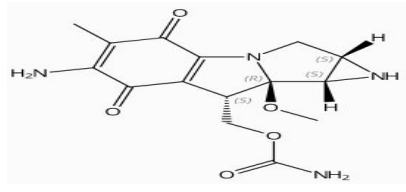
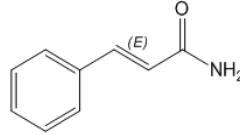
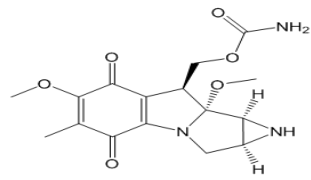
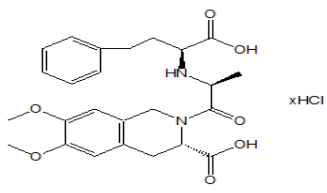
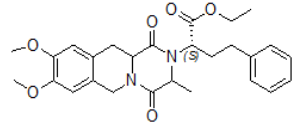
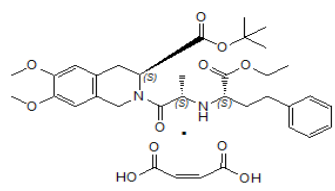
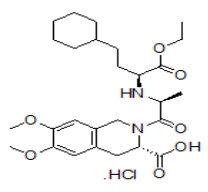
## Mirtazepine

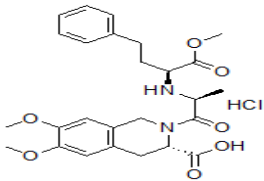
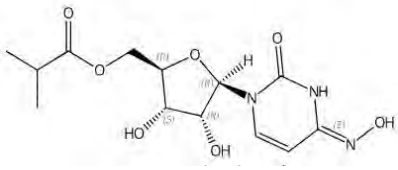
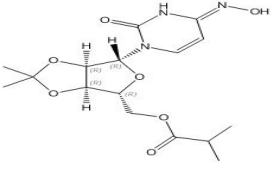
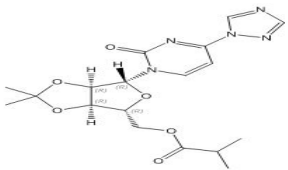
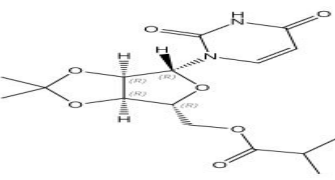
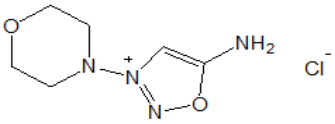
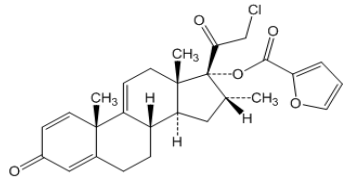
ACI 130511	<b>Mirtazepine Impurity as oxalate:</b> 2-(4-Methyl-2-phenylpiperazin-1-yl)nicotinonitrile oxalate		331815-15-7
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## Misoprostol

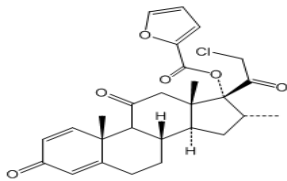
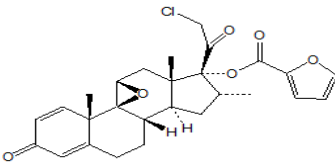
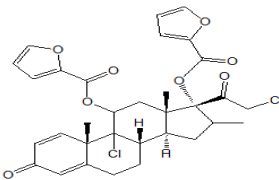
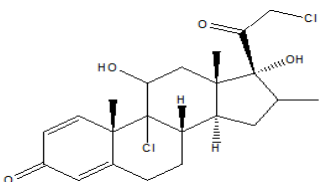
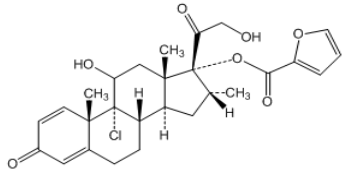
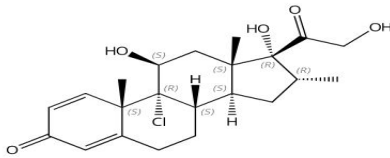
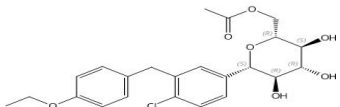
ACI 131330	<b>Misoprostol Acid-d5:</b> (11 $\alpha$ ,13E)-11,16-Dihydroxy-16-methyl-9-oxo-prost-13-en-1-oic Acid-d5		1337917-44-8
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## Mitomycin

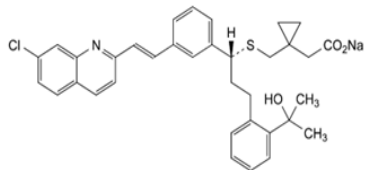
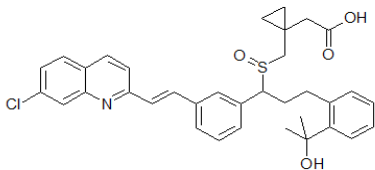
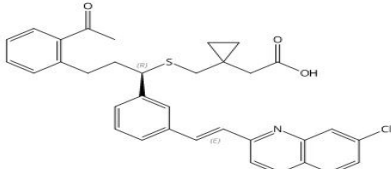
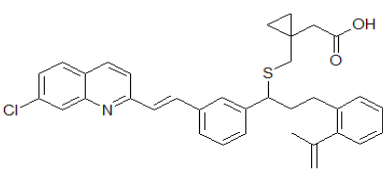
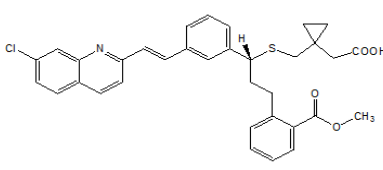
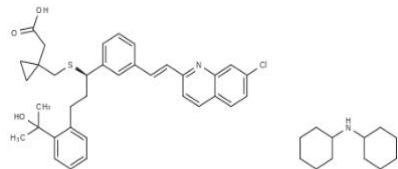
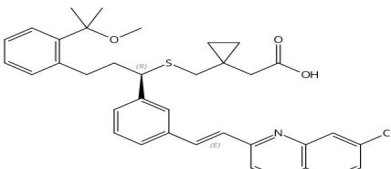
Code	Product Name	Structure	CAS No.
ACI 136000	<b>Mitomycin</b> : (1aS,8S,8aR,8bS)-6-Amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-ethylazirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione		50-07-7
ACI 136001	<b>Mitomycin Imp. A (EP)</b> : (E)-3-Phenylprop-2-enamide (Cinnamamide)		22031-64-7
ACI 136002	<b>Mitomycin Imp. B (EP)</b> : (1aS,8S,8aR,8bS)-8-[[[(Aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-6,8a-dimethoxy-5-methylazirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione (Mitomycin A)		4055-39-4
<b>Moexipril</b>			
ACI 135411	<b>Moexipril Impurity</b> : (3S)-2-((2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]alanyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid.(Moexipril related compoundA)		82586-57-0
ACI 135412	<b>Moexipril Impurity</b> : (S)-Ethyl 2-((3S,11aS)-8,9-dimethoxy-3-methyl-1,4-dioxo-3,4-dihydro-1H-pyrazino[1,2-b]isoquinolin-2(6H,11H,11aH)-yl)-4-phenylbutanoate		103733-51-3
ACI 135413	<b>Moexipril Impurity as Maleic Acid Salt</b> : (S)-tert-Butyl 2-((S)-2-((S)-1-ethoxy-1-oxo-4-phenylbutan-2-ylamino)propanoyl)-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline-3-carboxylate Maleic Acid		103733-40-0
ACI 135414	<b>Moexipril Impurity as hydrochloride</b> : (S)-2-((S)-2-((S)-4-Cyclohexyl-1-ethoxy-1-oxobutan-2-ylamino)propanoyl)-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid hydrochloride(Moexipril		1356019-89-0

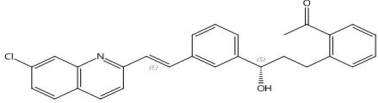
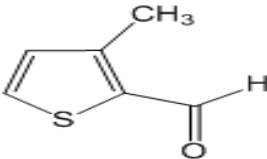
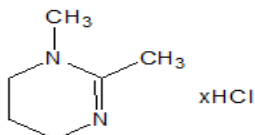
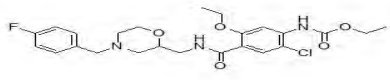
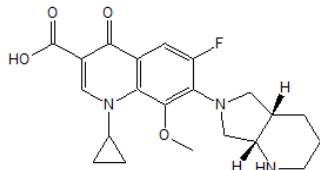
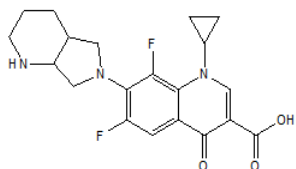
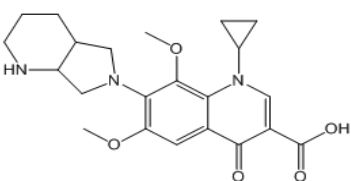
Code	Product Name	Structure	CAS No.
ACI 135415	<b>Moexipril Impurity as hydrochloride:</b> (S)-6,7-Dimethoxy-2-((S)-2-[(S)-1-methoxy-1-oxo-4-phenylbutan-2-ylamino]propanoyl)-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid hydrochloride.		1356841-17-2
<b>Molnupiravir</b>			
ACI 137500	<b>Molnupiravir:</b> ((2R,3S,4R,5R)-3,4-dihydroxy-5-((Z)-4-(hydroxyimino)-2-oxo-3,4-dihydropyrimidin-1(2H)-yl)tetrahydrofuran-2-yl)methyl isobutyrate		2492423-29-5
ACI 137511	<b>Molnupiravir Impurity:</b> ((3aR,4R,6R,6aR)-6-(4-(hydroxyamino)-2-oxopyrimidin-1(2H)-yl)-2,2-dimethyltetrahydrofuro[3,4-d][1,3]dioxol-4-yl)methyl isobutyrate		2346620-55-9
ACI 137512	<b>Molnupiravir Impurity:</b> ((3aR,4R,6R,6aR)-2,2-dimethyl-6-(2-oxo-4-(1H-1,2,4-triazol-1-yl)pyrimidin-1(2H)-yl)tetrahydrofuro[3,4-d][1,3]dioxol-4-yl)methyl isobutyrate		2346620-54-8
ACI 137517	<b>Molnupiravir Impurity:</b> Uridine, 2',3'-O-(1-methylethylidene)-, 5'-(2-methylpropanoate)		2346620-53-7
<b>Molsidomine</b>			
ACI 131701	<b>Molsidomine Imp. A (EP) as Hydrochloride:</b> 3-(Morpholin-4-yl)sydnominine hydrochloride		16142-27-1
<b>Mometasone</b>			
ACI 133701	<b>Mometasone furoate Imp. A (EP):</b> 21-chloro-16a-methyl-3,20-dioxopregna-1,4,9(11)-trien-17-yl furan-2-carboxylate		83880-65-3

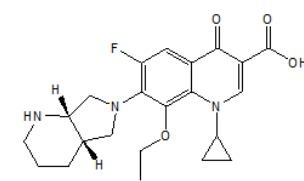
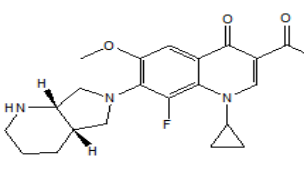
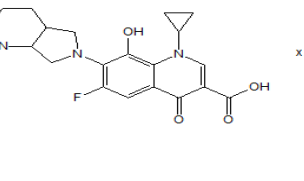
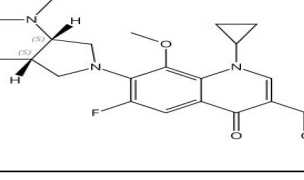
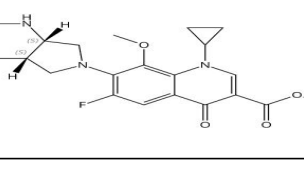
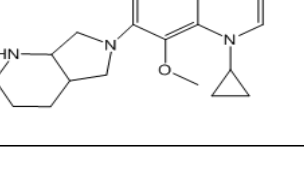
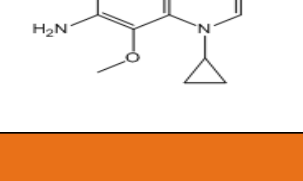


Code	Product Name	Structure	CAS No.
ACI 133703	<b>Mometasone furoate Imp. C (EP):</b> 21-chloro-16a-methyl-3,11,20-trioxopregna-1,4-dien-17-yl furan-2-carboxylate		1305334-31-9
ACI 133704	<b>Mometasone furoate Imp. D (EP):</b> 21-chloro-9,11β-epoxy-16a-methyl-3,20-dioxo-9β-pregna-1,4-dien-17-yl furan-2-carboxylate		83881-09-8
ACI 133705	<b>Mometasone furoate Imp. E (EP):</b> 9,21-dichloro-16a-methyl-3,20-dioxopregna-1,4-diene-11β,17-diyl bis		1370190-33-2
ACI 133707	<b>Mometasone furoate Imp. G (EP):</b> 9,21-Dichloro-11β,17-dihydroxy-16a-methylpregna-1,4-diene-3,20-dione (mometasone)		105102-22-5
ACI 133708	<b>Mometasone furoate Imp. H (EP):</b> 9-chloro-11β,21-dihydroxy-16a-methyl-3,20-dioxopregna-1,4-dien-17-yl furan-2-carboxylate		148596-90-1
ACI 133711	<b>Mometasone furoate Imp. K (EP):</b> (11β,16α)-9-chloro-11,17,21-trihydroxy-16-methyl-pregna-1,4 diene-3,20-dione		4647-20-5
<b>Monoacetyl</b>			
ACI 045816	<b>Monoacetyl Dapagliflozin:</b> ((2R,3S,4R,5R,6S)-6-(4-chloro-3-(4-ethoxybenzyl)phenyl)-3,4,5-trihydroxytetrahydro-2H-pyran-2-yl)methyl acetate		1632287-34-3

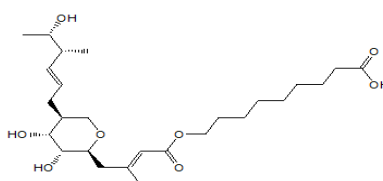
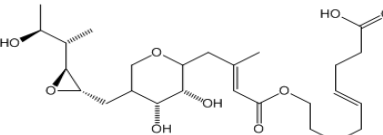
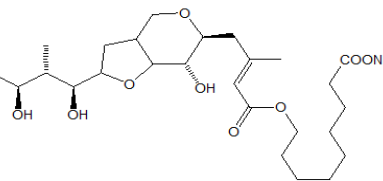
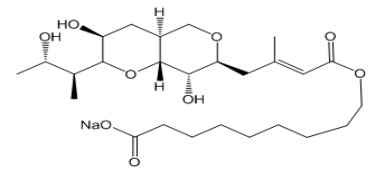
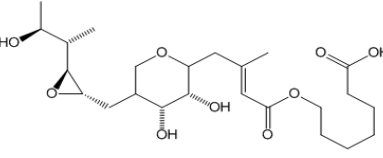
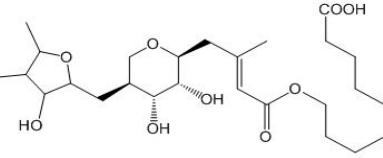
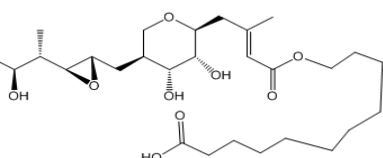
## Montelukast

Code	Product Name	Structure	CAS No.
ACI 130300	<b>Montelukast Sodium:</b> Sodium [1-[[[(1R)-1-[3-[(E)-2-(7-chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methyl ethyl)phenyl]propyl]sulfanyl]methyl]cyclopropyl]acetate		151767-02-1
ACI 130301	<b>Montelukast Sodium Imp. C (EP):</b> 1-1-3-(E)-2-(7-chloroquinolin-2-yl)ethenylphenyl- 3-2-(2-hydroxypropan-2-yl)phenylpropylsulfanyl methylcyclopropylacetic acid		909849-96-3
ACI 130303	<b>Montelukast Sodium Imp. F (EP):</b> 1-[[[(1R)-3-(2-acetylphenyl)-1-[3-[(E)-2-(7-chloroquinolin-2-yl)ethenyl]phenyl]propyl]sulfanyl]methyl]cyclopropyl]acetic acid (Montelukast ketone impurity)		937275-23-5
ACI 130306	<b>Montelukast Sodium Imp. B (EP):</b> 1-(1R)-1-3-(E)-2-(7-chloroquinolin-2-yl)ethenylphenyl- 3-2-(1-methylethenyl) phenylpropylsulfanyl methylcyclopropylacetic acid		918972-54-0
ACI 130308	<b>Montelukast Sodium Imp H (EP):</b> [1-[[[(1R)-1-[3-(E)-2-(7-chloroquinolin-2-yl)ethen-yl]phenyl]-3-[2-(methoxycarbonyl)-phenyl]propyl]sulfan-yl]methyl]cyclopropyl]acetic acid.		851755-56-1
ACI 130310	<b>Montelukast Dicyclohexylamine:</b> 1-[1-[[[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]thio]methyl]cyclopropaneacetic N-Cyclohexylcyclohexanamine;Montelukast		577953-88-9
ACI 130312	<b>Montelukast Sodium impurity:</b> 1-[[[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-methoxy-1-methylethyl)phenyl]propyl]thio]methyl]cyclopropaneacetic acid		1351973-25-5

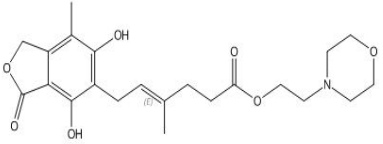
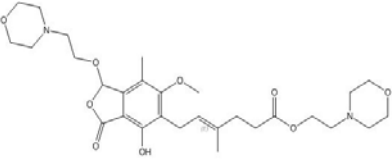
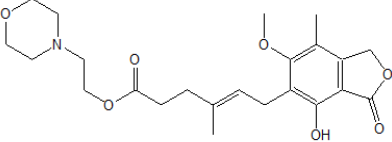
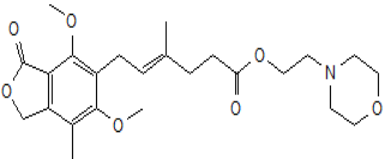
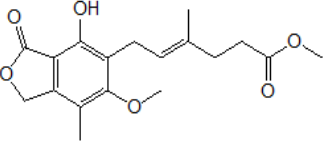
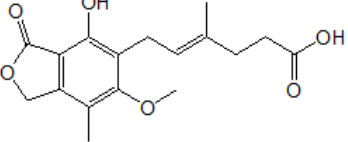
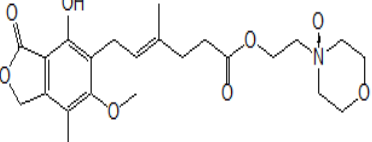
Code	Product Name	Structure	CAS No.
ACI 130314	<b>Montelukast (3S)-Hydroxy Methylketone:</b> [S-(E)]-1-[2-[3-[3-[2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-hydroxypropyl]phenyl]ethanone		184764-13-4
<b>Morantel</b>			
ACI 133911	<b>Morantel Citrate impurity:</b> 2-(3-methyl thiophene) carboxaldehyde		5834-16-2
ACI 133912	<b>Morantel Citrate impurity as hydrochloride:</b> 1,4,5,6-tetrahydro-1,2-dimethylpyrimidine hydrochloride		184532-88-5
<b>Mosapride</b>			
ACI 138011	<b>Mosapride Impurity:</b> Ethyl(2-chloro-5-ethoxy-4-(((4-(4-fluorobenzyl)morpholin-2-yl)methyl) carbamoyl)phenyl)carbamate		NA
<b>Moxifloxacin</b>			
ACI 131000	<b>Moxifloxacin Hydrochloride:</b> 1-Cyclopropyl-6-fluoro-8-methoxy-7-(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		186826-86-8
ACI 131001	<b>Moxifloxacin Hydrochloride Imp. A (EP) as Hydrochloride:</b> 1-Cyclopropyl-6,8-difluoro-7-(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		151282-23-4
ACI 131002	<b>Moxifloxacin Hydrochloride Imp. B (EP):</b> 1-cyclopropyl-6,8-dimethoxy-7-(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		1029364-73-5

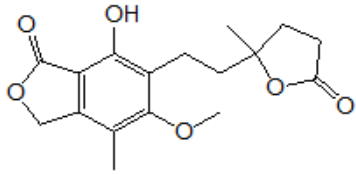
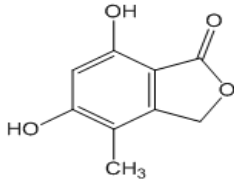
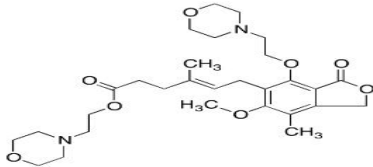
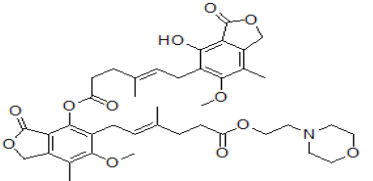
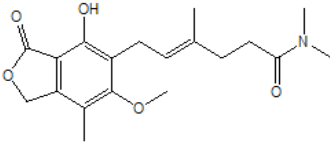
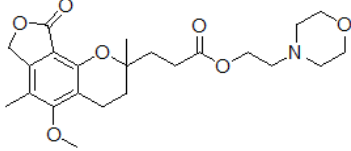
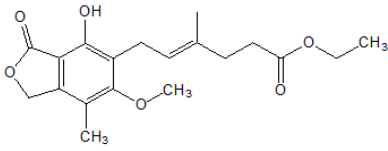
Code	Product Name	Structure	CAS No.
ACI 131003	<b>Moxifloxacin Hydrochloride Imp. C (EP):</b> 1-Cyclopropyl-8-ethoxy-6-fluoro-1,4-dihydro-7-(4aS,7aS)-octahydro-6H-pyrrolo3,4-bpyridin-6-yl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		1029364-75-7
ACI 131004	<b>Moxifloxacin Hydrochloride Imp. D (EP) as Hydrochloride:</b> 1-Cyclopropyl-8-fluoro-6-methoxy-7-(4aS,7aS)-octahydro-6H-pyrrolo3,4-bpyridin-6-yl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride		1029364-77-9
ACI 131005	<b>Moxifloxacin Hydrochloride Imp. E (EP) as Hydrobromide:</b> 1-Cyclopropyl-6-fluoro-8-hydroxy-7-(4aS,7aS)-octahydro-6H-pyrrolo3,4-bpyridin-6-yl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrobromide	 x HBr	1292904-74-5
ACI 131006	<b>Moxifloxacin Hydrochloride Imp. F(EP):</b> 1-cyclopropyl-6-fluoro-8-methoxy-7-[(4aS,7aS)-1-methyloctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		721970-37-2
ACI 131008	<b>Moxifloxacin Hydrochloride Imp. H (EP):</b> methyl-1-cyclopropyl-6-fluoro-8-methoxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylate		721970-35-0
ACI 131011	<b>Moxifloxacin Hydrochloride Impurity as hydrochloride:</b> 1-cyclopropyl-6-fluoro-7-(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl-8-methoxyquinolin-4(1H)-one hydrochloride	 x HCl	NA
ACI 131012	<b>Moxifloxacin Hydrochloride Impurity:</b> 7-Amino-1-cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-4-oxo-3-quinolinecarboxylic Acid (Moxifloxacin 7-amino impurity)		172426-88-9

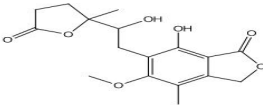
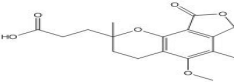
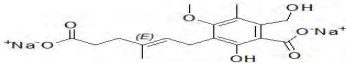
## Mupirocin

Code	Product Name	Structure	CAS No.
ACI 135702	<b>Mupirocin calcium Imp. B (EP):</b> 9-[[[(2E)-4-[(2S,3R,4R,5S)-3,4-dihydroxy-5-[(2E,4R,5S)-5-hydroxy-4-methylhex-2-enyl]tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enyl]oxy]nonanoic acid (Pseudomonic acid C),		71980-98-8
ACI 135703	<b>Mupirocin calcium Imp. C (EP):</b> (4E)-9-[[[(2E)-4-[(2S,3R,4R,5S)-3,4-dihydroxy-5-[[[(2S,3S)-3-[(1S,2S)-2-hydroxy-1-methylpropyl]oxiranyl]methyl]-tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enyl]oxy]- non-4-enoic acid		85248-93-7
ACI 135704	<b>Mupirocin calcium Imp. D (EP) as sodium salt:</b> 9-[[[(2E)-4-[(2R,3aS,6S,7S)-2-[(2S,3S)-1,3-dihydroxy-2-methylbutyl]-7-hydroxyhexahydro-4H-furo[3,2-c]pyran-6-yl]-3-methylbut-2-enyl]oxy]nonanoic acid sodium		116182-43-5
ACI 135705	<b>Mupirocin calcium Imp. E (EP) as sodium salt:</b> 9-[[[(2E)-4-[(2R,3RS,4aS,7S,8S,8aR)-3,8-dihydroxy-2-[(1S,2S)-2-hydroxy-1-methylpropyl]hexahydro-2H,5H-pyrano[4,3-b]pyran-7-yl]-3-methylbut-2-enyl]oxy]nonanoic acid sodium		116182-44-6
ACI 135706	<b>Mupirocin calcium Imp. F (EP):</b> 7-[[[(2E)-4-[(2S,3R,4R,5S)-3,4-dihydroxy-5-[[[(2S,3S)-3-[(1S,2S)-2-hydroxy-1-methylpropyl]oxiranyl]methyl ]tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enyl]oxy]heptanoic acid		167842-64-0
ACI 135709	<b>Mupirocin calcium Imp. I (EP):</b> 9-[[[(2E)-4-[(2S,3R,4R,5S)-3,4-dihydroxy-5-[(3-hydroxy-4,5-dimethyltetrahydrofuran-2-yl)methyl]tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enyl]oxy]nonanoic acid		NA
ACI 135721	<b>Mupirocin calcium Impurity:</b> [2E,8[2S,3S(1S,2S)]]-5,9-anhydro-2,3,4,8-tetradecoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-L-talo-Non-2-enonic acid 10-carboxydecyl ester (Pseudomonic Acid E)		n/a

## Mycophenolate

Code	Product Name	Structure	CAS No.
ACI 130201	<b>Mycophenolate Mofetil Imp. A (EP):</b> 2-(Morpholin-4-yl)ethyl (4E)-6-(4,6-Dihydroxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate		1322681-36-6
ACI 130202	<b>Mycophenolate Mofetil Imp. B (EP):</b> 2-(morpholin-4-yl)ethyl (4E)-6-[(1RS)-4-hydroxy-6-methoxy-7-methyl-1-[2-(morpholin-4-yl)ethoxy]-3-oxo-1,3-dihydroisobenzofuran-5-yl]-4-methylhex-4-enoate		1094322-91-4
ACI 130203	<b>Mycophenolate Mofetil Imp. C (EP):</b> 2-(Morpholin-4-yl)ethyl (4Z)-6-(4-hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate		128794-94-5
ACI 130204	<b>Mycophenolate Mofetil Imp. D (EP):</b> 2-(Morpholin-4-yl)ethyl (4E)-6-(4,6-dimethoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate		1322681-37-7
ACI 130205	<b>Mycophenolate Mofetil Imp. E (EP):</b> Methyl (4E)-6-(4-Hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate		31858-66-9
ACI 130206	<b>Mycophenolate Mofetil Imp. F (EP):</b> (4E)-6-(4-Hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoic Acid		24280-93-1
ACI 130207	<b>Mycophenolate Mofetil Imp. G (EP):</b> 2-(Morpholin-4-yl)ethyl (4E)-6-(4-Hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate N-Oxide		224052-51-1

Code	Product Name	Structure	CAS No.
ACI 130208	<b>Mycophenolate Mofetil Imp. H (EP):</b> 7-Hydroxy-5-methoxy-4-methyl-6-(2-(2RS)-2-methyl-5-oxotetrahydrofuran-2-ylethylisobenzofuran-1(3H)-one		26675-76-3
ACI 130211	<b>Mycophenolate Mofetil Impurity:</b> 5,7 Dihydroxy-4-Methylphthalide		27979-57-3
ACI 130212	<b>Mycophenolate Mofetil Impurity:</b> 2-Morpholinoethyl (E)-6-[1,3-dihydro-4-(2-morpholinoethoxy)-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl]-4-methyl-4-hexenoate		868993-14-0
ACI 130213	<b>Mycophenolate Mofetil Impurity:</b> Mycophenolate Dimer		165684-44-6
ACI 130214	<b>Mycophenolate Mofetil Impurity:</b> Mycophenolate Dimethylamide		59058-64-9
ACI 130215	<b>Mycophenolate Mofetil Impurity:</b> 2-Morpholinoethyl 3-(5-methoxy-2,6-dimethyl-9-oxo-3,4,7,9-tetrahydro-2H-furo[3,4-h]chromen-2-yl)propanoate(Mycophenolate Ether)		n/a
ACI 130216	<b>Mycophenolate Mofetil Impurity:</b> Ethyl (E)-6-(4-hydroxy-6-methoxy-7-methyl-3-oxo-1H-2-benzofuran-5-yl)-4-methylhex-4-enoate		32483-51-5

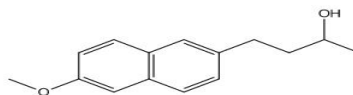
Code	Product Name	Structure	CAS No.
ACI 130217	<b>Mycophenolate Mofetil Impurity:</b> 7-Hydroxy-6-[2-hydroxy-2-(tetrahydro-2-methyl-5-oxo-2-furyl)ethyl]-5-methoxy-4-methyl-1 (3H)-iso benzofuranon		26644-06-4
ACI 130218	<b>Mycophenolate Mofetil Impurity:</b> 3,4-Dihydro-5-methoxy-2,6-dimethyl-9(7H)-oxo-2H-furo[3,4-h]benzopyran-2-propionic acid		24243-38-7
ACI 130219	<b>Mycophenolate Mofetil Impurity:</b> 3-((E)-5-carboxy-3-methylpent-2-enyl)-2-hydroxy-6-(hydroxymethyl)-4-methoxy-5-methylbenzoic acid disodium		NA



Code	Product Name	Structure	CAS No.
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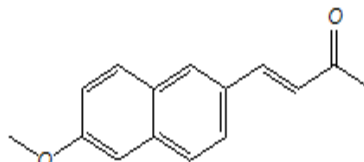
### Nabumetone

ACI 141703 **Nabumetone Imp. C (EP):** (2RS)-4-(6-methoxynaphthalen-2-yl)butan-2-ol



65726-24-1

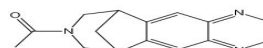
ACI 141704 **Nabumetone Imp. D (EP):** (E)-4-(6-methoxynaphthalen-2-yl)but-3-en-2-one



127053-22-9

### N-Acetyl

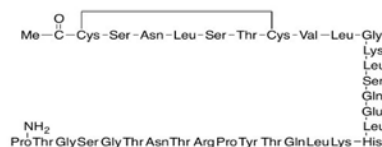
ACI 221449 **N-Acetyl Varenicline:** 1-(6,7,9,10-Tetrahydro-6,10-methano-8H-pyrazino[2,3-h][3]benzazepin-8-yl)ethanone (Varenicline ethanone impurity)



1213781-59-9

### N-acetyl-Cys

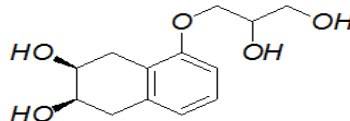
ACI-031901 **N-acetyl-Cys (1)-calcitonin salmon:** Ac-Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH<sub>2</sub>(Disulfide Bridge)



NA

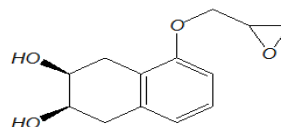
### Nadolol

ACI 143301 **Nadolol Impur.A :** (EP)3-Deostertbutylamino-3-hydroxy Nadolol



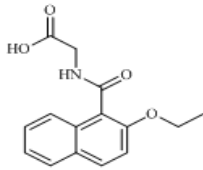
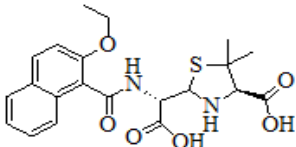
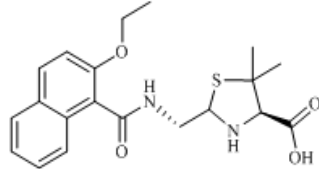
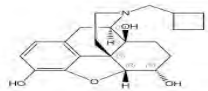

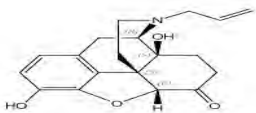
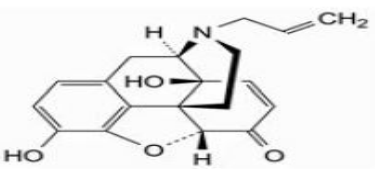
n/a

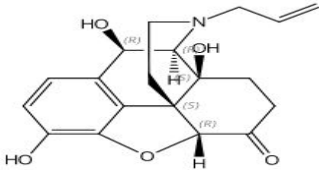
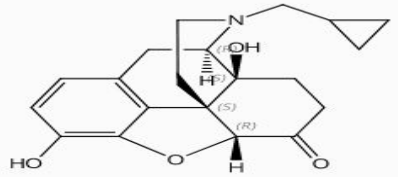
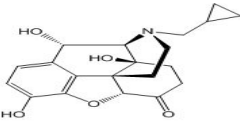
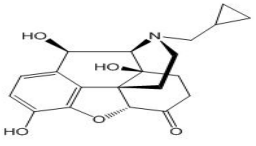
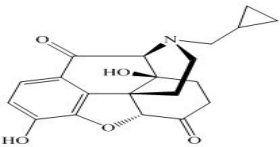
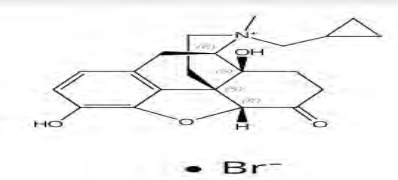
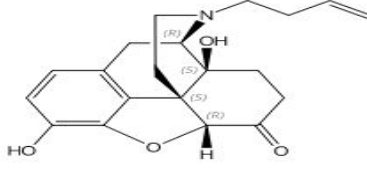
ACI 143311 **Nadolol Impurity:** (2S,3R)-5-(oxiran-2-ylmethoxy)-1,2,3,4-tetrahydronaphthalene-2,3-diol (Nadolol Diol Impurity)

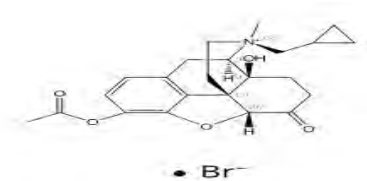
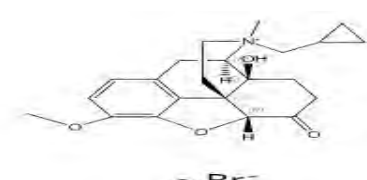
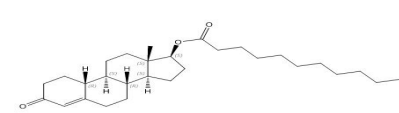
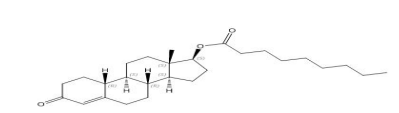
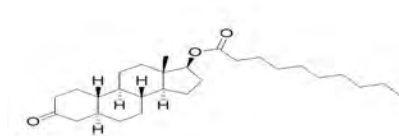
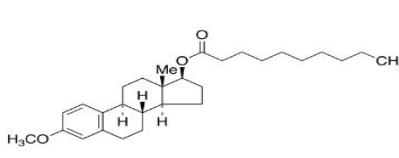
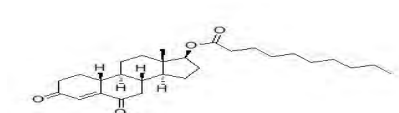


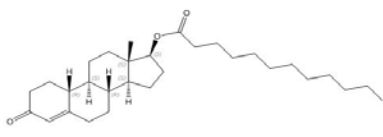
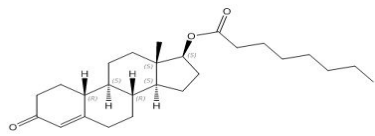
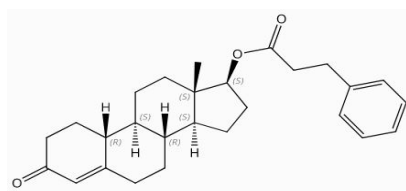
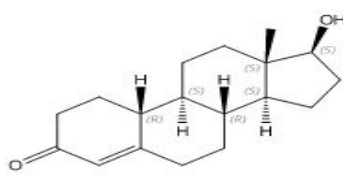
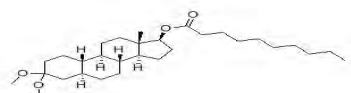
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### Nafcillin

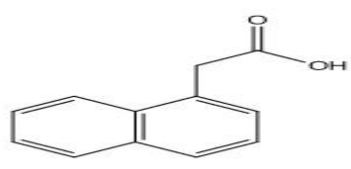
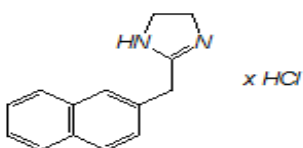
Code	Product Name	Structure	CAS No.
ACI 142911	<b>Nafcillin Impurity:</b> (Ethoxynaphthoylamino)acetic acid		1181645-31-7
ACI 142912	<b>Nafcillin Impurity:</b> 2-[[[(2-ethoxy-1-naphthalenyl)carbonyl]amino]methyl]-5,5-dimethyl-4-Thiazolidinecarboxylic acid		940306-33-2
ACI 142913	<b>Nafcillin Impurity:</b> Penicilloic acids of Nafcillin-1 & 2 (Nafcillic acids)		940306-31-0
<b>Nalbuphine</b>			
ACI 145400	<b>Nalbuphine hydrochloride monohydrate:</b> 17-(Cyclobutylmethyl)-4,5-epoxy-(5a,6a)-Morphinan-3,6,14-triol hydrochloride monohydrate	 <ul style="list-style-type: none"> <li>• HCl</li> <li>• H<sub>2</sub>O</li> </ul>	1356636-67-3
<b>Nalmefene</b>			
ACI 145600	<b>Nalmefene Hydrochloride:</b> (4R,4aS,7aS,12bS)-3-(Cyclopropylmethyl)-7-methylene-2,3,4,4a,5,6,7,7a-octahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinoline-4a,9-diol hydrochloride	 <ul style="list-style-type: none"> <li>• HCl</li> </ul>	58895-64-0
<b>Naloxone</b>			
ACI 145000	<b>Naloxone Hydrochloride:</b> (5α)-4,5-Epoxy-3,14-dihydroxy-17-(2-propen-1-yl)morphinan-6-one hydrochloride	 <ul style="list-style-type: none"> <li>• HCl</li> </ul>	357-08-4
ACI 145004	<b>Naloxone hydrochloride impurity D(EP):</b> 7,8-didehydro-4,5a-epoxy-3,14-dihydroxy-17-(prop-2-enyl)morphinan-6-one (7,8-didehydronaloxone)		26451-92-3

Code	Product Name	Structure	CAS No.
ACI 145006	<b>Naloxone hydrochloride dihydrate EP impurity F</b> : 4,5a-epoxy-3,10β,14-trihydroxy-17-(prop-2-enyl)morphinan-6-one		2139253-69-1
<b>Naltrexone</b>			
ACI 143600	<b>Naltrexone hydrochloride</b> : 17-(cyclopropylmethyl)-4,5a-epoxy-3,14-dihydroxymorphinan-6-one		16590-41-3
ACI 143606	<b>Naltrexone hydrochloride Imp. F (EP)</b> : 17-(cyclopropylmethyl)-4,5a-epoxy-3,10a,14-trihydroxymorphinan-6-one (10 α-Hydroxy Naltrexone)		NA
ACI 143607	<b>Naltrexone hydrochloride Imp. G (EP)</b> : 17-(cyclopropylmethyl)-4,5a-epoxy-3,10β,14-trihydroxymorphinan-6-one (10 β-Hydroxy Naltrexone)		NA
ACI 143609	<b>Naltrexone hydrochloride Imp. I (EP)</b> : 17-(cyclopropylmethyl)-4,5a-epoxy-3,14-dihydroxymorphinan-6,10-dione (10 keto- Naltrexone)		NA
ACI 143622	<b>Naltrexone hydrochloride Impurity</b> : (5α)-17-(Cyclopropylmethyl)-4,5-epoxy-3,14-dihydroxy-17-methyl-6-oxomorphinan-ium Bromide		73232-52-7
ACI 143623	<b>Naltrexone hydrochloride Impurity</b> : 17-but-3-enyl-4,5a-epoxy-3-14-dihydroxymorphinan-6-one (N-butenyl Oxymorphone)		189016-90-8

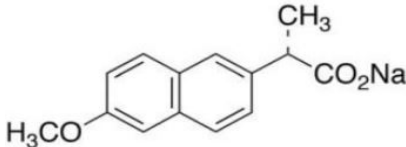
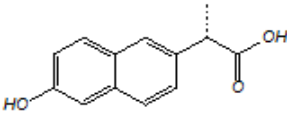
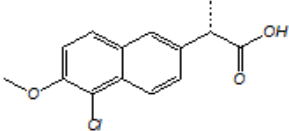
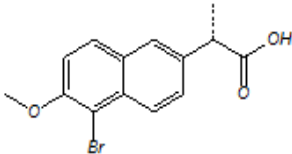
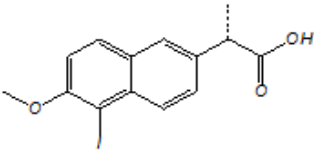
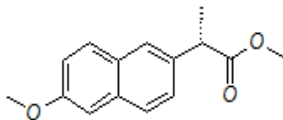
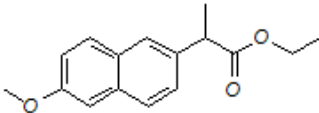
Code	Product Name	Structure	CAS No.
ACI 143624	<b>Naltrexone hydrochloride Impurity:</b> (5,17S)-3-(Acetyloxy)-17-(cyclopropylmethyl)-4,5-epoxy-14-hydroxy-17-methyl-6-oxomorphinanium Bromide		1252784-80-7
ACI 143625	<b>Naltrexone hydrochloride Impurity:</b> (5 $\beta$ ,9 $\alpha$ ,13 $\alpha$ ,14 $\alpha$ ,17R)-17-(cyclopropylmethyl)-4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-6-oxo-morphinanium bromide (O-methyl-N-methyl naltrexone)		1005410-37-6
<b>Nandrolone</b>			
ACI 143808	<b>Nandrolone Decanoate Imp. H (EP):</b> 3-oxoestr-4-en-17 $\beta$ -yl undecanoate		862-89-5
ACI 143812	<b>Nandrolone Decanoate Imp. L (EP):</b> 3-oxoestr-4-en-17 $\beta$ -yl-nonanoate		52230-64-5
ACI 143801	<b>Nandrolone Decanoate Imp.A (EP):</b> 3-oxo-5 $\alpha$ -estran-17 $\beta$ -yl decanoate		1037511-17-3
ACI 143802	<b>Nandrolone Decanoate Imp.B (EP):</b> 3-methoxyestra-1,3,5(10)-trien-17 $\beta$ -yl decanoate		1042947-85-2
ACI 143806	<b>Nandrolone Decanoate Imp.F (EP) :</b> 3,6-dioxoestr-4-en-17 $\beta$ -yl decanoate		NA

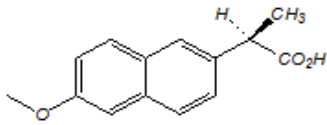
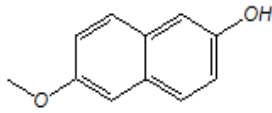
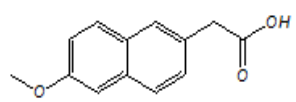
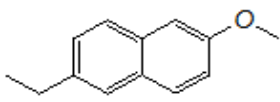
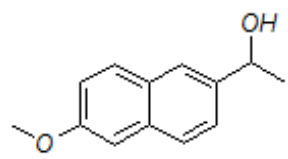
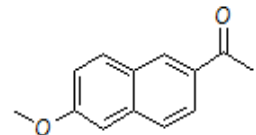
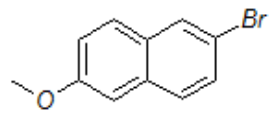
Code	Product Name	Structure	CAS No.
ACI 143809	<b>Nandrolone Decanoate Imp.I (EP):</b> 3-oxoestr-4-en-17 $\beta$ -yl dodecanoate (Nandrolone laurate)		26490-31-3
ACI 143811	<b>Nandrolone Decanoate Imp. K (EP):</b> 3-Oxoestr-4-en-17 $\beta$ -yl octanoate		52230-63-4
ACI 145200	<b>Nandrolone phenylpropionate:</b> 17 $\beta$ -Hydroxyestr-4-en-3-one phenylpropionate		62-90-8
ACI 145300	<b>Nandrolone:</b> 17 $\beta$ -Hydroxy-19-nor-4-androsten-3-one		434-22-0
ACI-143803	<b>Nandrolone Decanoate Imp.C (EP):</b> 3,3-dimethoxy-5 $\alpha$ -estrane-17 $\beta$ -yl decanoate		NA

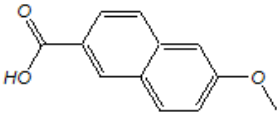
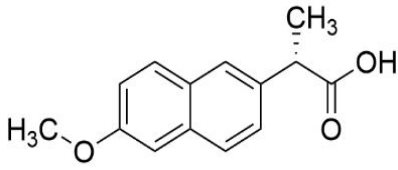
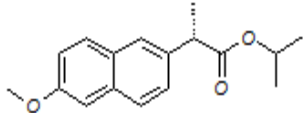
## Naphazoline

ACI 140802	<b>Naphazoline Hydrochloride Imp. B (EP):</b> (naphthalen-1-yl)acetic acid (1-naphthylacetic acid)		86-87-3
ACI 140804	<b>Naphazoline Hydrochloride Imp. D (EP) as Hydrochloride:</b> 2-(naphthalen-2-ylmethyl)-4,5-dihydro-1H-imidazole hydrochloride		6028-15-5

## Naproxen

Code	Product Name	Structure	CAS No.
ACI 140200	<b>Naproxen Sodium:</b> (S)-6-Methoxy- $\alpha$ -methyl-2-naphthaleneacetic Acid Sodium Salt		26159-34-2
ACI 140201	<b>Naproxen Imp. A (EP):</b> (2S)-2-(6-Hydroxynaphthalen-2-yl)propanoic acid		52079-10-4
ACI 140202	<b>Naproxen Imp. B (EP):</b> (2S)-2-(5-chloro-6-methoxynaphthalen-2-yl)propanoic acid		89617-86-7
ACI 140203	<b>Naproxen Imp. C (EP):</b> (2S)-2-(5-Bromo-6-methoxynaphthalen-2-yl)propanoic acid		84236-26-0
ACI 140204	<b>Naproxen Imp. D (EP):</b> (2S)-2-(5-iodo-6-methoxynaphthalen-2-yl)propanoic acid		116883-62-6
ACI 140205	<b>Naproxen Imp. E (EP):</b> Methyl (2S)-2-(6-Methoxy-naphthalen-2-yl)propanoate		26159-35-3
ACI 140206	<b>Naproxen Imp. F (EP):</b> Ethyl (2S)-2-(6-Methoxy-naphthalen-2-yl)propanoate		31220-35-6

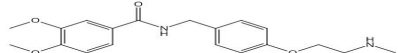
Code	Product Name	Structure	CAS No.
ACI 140207	<b>Naproxen Imp. G (EP):</b> (2R)-2-(6-methoxynaphthalen-2-yl)propanoic acid		23979-41-1
ACI 140208	<b>Naproxen Imp. H (EP):</b> 6-methoxynaphthalen-2-ol		5111-66-0
ACI 140209	<b>Naproxen Imp. I (EP):</b> (6-methoxynaphthalen-2-yl)acetic acid		23981-47-7
ACI 140210	<b>Naproxen Imp. J (EP):</b> 2-ethyl-6-methoxynaphthalene		21388-17-0
ACI 140211	<b>Naproxen Imp. K (EP):</b> (1RS)-1-(6-methoxynaphthalen-2-yl)ethanol		77301-42-9
ACI 140212	<b>Naproxen Imp. L (EP):</b> 1-(6-methoxynaphthalen-2-yl)ethanone		3900-45-6
ACI 140214	<b>Naproxen Imp. N (EP):</b> 2-Bromo-6-methoxynaphthalene		5111-65-9

Code	Product Name	Structure	CAS No.
ACI 140215	<b>Naproxen Imp. O (EP):</b> 2-Methoxy-6-naphthalene carboxylic Acid		2471-70-7
ACI 140220	<b>Naproxen:</b> (S)-2-(6-Methoxynaphthalen-2-yl)propionic acid		22204-53-1
ACI 140221	<b>Naproxen Impurity:</b> Isopropyl (2S)-2-(6-Methoxy-naphthalen-2-yl)propanoate		156967-24-7

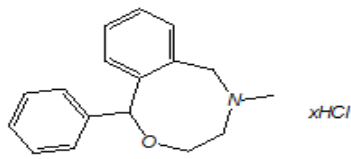
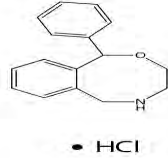
### Nateglinide

ACI 140903	<b>Nateglinide Imp. C (EP) as dicyclohexylamine salt:</b> N-cis-4-(1-methylethyl)cyclohexylcarbonyl-D-phenylalanine dicyclohexylamine salt		NA
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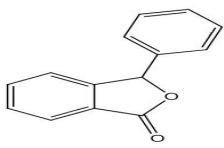
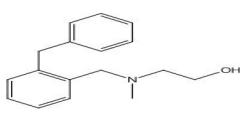
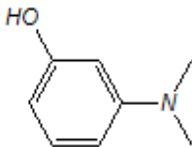
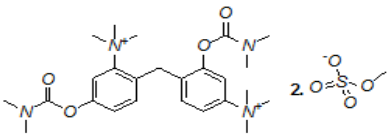
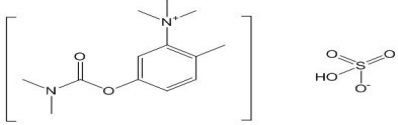
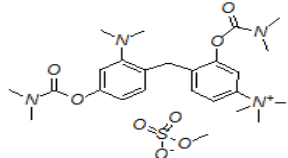
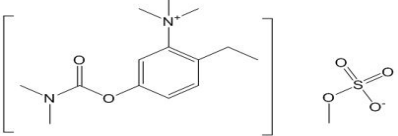
### N-Desmethyl

ACI 090512	<b>N-Desmethyl Itopride:</b> 3,4-Dimethoxy-N-[[4-[2-(methylamino) ethoxy] phenyl] methyl] benzamide		141996-97-6
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### Nefopam

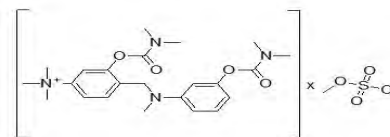
ACI 143100	<b>Nefopam Hydrochloride:</b> 3,4,5,6-Tetrahydro-5-methyl-1-phenyl-1H-2,5-Benzoxazocine hydrochloride		23327-57-3
ACI 143115	<b>Nefopam Hydrochloride Impurity B:</b> 3,4,5,6-Tetrahydro-1-phenyl-1H-2,5-benzoxazocine Hydrochloride (N-Desmethyl Nefopam Hydrochloride)		147656-98-2



Code	Product Name	Structure	CAS No.
ACI 143116	<b>Nefopam Hydrochloride Impurity C:</b> 3-Phenyl-1(3H)-isobenzofuranone		5398-11-8
ACI 143117	<b>Nefopam Hydrochloride Impurity D:</b> 2-((2-benzylbenzyl)(methyl)amino)ethanol		13831-42-0
<b>Neostigmine</b>			
ACI 143402	<b>Neostigmine Hydrochloride Imp. B (EP):</b> 3-(Dimethylamino)phenol		99-07-0
ACI 143404	<b>Neostigmine Impurity:</b> 5-((dimethylcarbamoyloxy)-2-(2-((dimethylcarbamoyloxy)-4-(trimethylammonio)benzyl)-N,N,N-trimethylbenzenaminium methyl sulphate		n/a
ACI 143405	<b>Neostigmine Impurity:</b> 5-((dimethylcarbamoyloxy)-N,N,N,2-tetramethylbenzenaminium hydrogen sulfate (Methylnestigmine bromide Hydrogen sulfate)		NA
ACI 143406	<b>Neostigmine Impurity :</b> 4-(2-(dimethylammonio)-4-((dimethylcarbamoyloxy)benzyl)-3-((dimethylcarbamoyloxy)-N,N,N-trimethylbenzenaminium methyl sulphate		n/a
ACI 143407	<b>Neostigmine Impurity:</b> 5-((dimethylcarbamoyloxy)-2-ethyl-N,N,N-trimethylbenzenaminium hydrogen sulfate (Ethylneostigmine bromide-hydrogen sulfate)		NA

Code	Product Name	Structure	CAS No.
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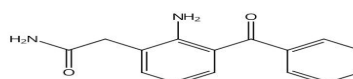
ACI 143408 **Neostigmine Impurity:** 3-((dimethylcarbamoyloxy)-4-(((3-((dimethylcarbamoyloxy)phenyl)(methyl)amino)methyl)-N,N,N-trimethylbenzenaminium methyl sulphate.



NA

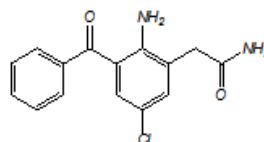
## Nepafenac

ACI 142100 **Nepafenac:** 2-Amino-3-benzoylbenzeneacetamide



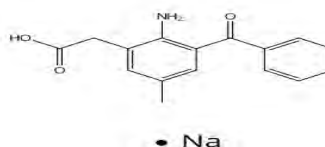
78281-72-8

ACI 142111 **Nepafenac Impurity:** 2-Amino-3-benzoyl-5-chloro benzeneacetamide



78281-71-7

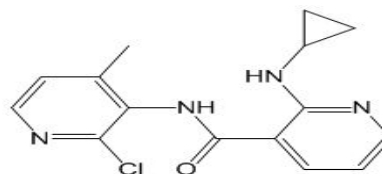
ACI 142112 **Nepafenac Impurity as Sodium salt:** 2-(2-Amino-3-benzoyl-5-chlorophenyl)acetamide-2-Amino-3-benzoyl-5-chloro-benzeacetamide sodium



91714-74-8

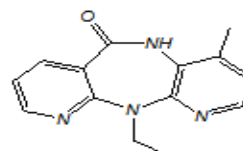
## Nevirapine

ACI 141000 **Nevirapine Impurity:** 11-Cyclopropyl-5,11-dihydro-4-methyl-6H-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6-one



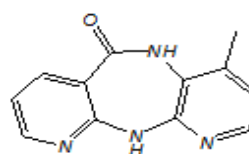
NA

ACI 141001 **Nevirapine Imp. A (EP):** 11-Ethyl-4-methyl-5,11-dihydro-6H-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6-one



133627-17-5

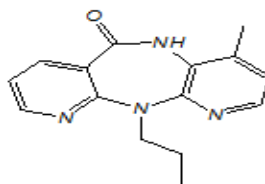
ACI 141002 **Nevirapine Imp. B (EP):** 4-Methyl-5,11-dihydro-6H-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6-one



287980-84-1

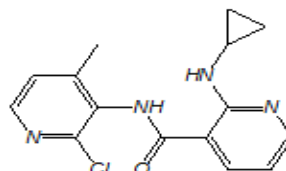
Code	Product Name	Structure	CAS No.
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ACI 141003 **Nevirapine Imp. C (EP):** 4-methyl-11-propyl-5,11-dihydro-6H-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6-one



287980-85-2

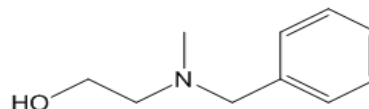
ACI 141011 **Nevirapine Impurity:** N-(2-chloro-4methyl-3-pyridyl)-2-(cyclopropylamino)-3-pyridine carboxamide



133627-47-1

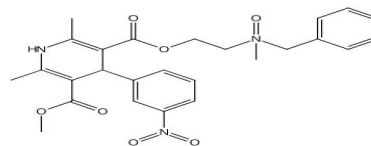
## Nicardipine

ACI 143711 **Nicardipine hydrochloride Impurity: N-Benzyl-N-Methyl-Ethanolamine:**  $\beta$ -(N-Benzyl-N-methylamino)ethanol



101-98-4

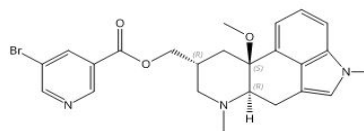
ACI 143714 **Nicardipine N-Oxide:** N-benzyl-2-[5-methoxycarbonyl-2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3-carbonyl]oxy-N-methylethanolamine oxide



2724510-66-9

## Nicergoline

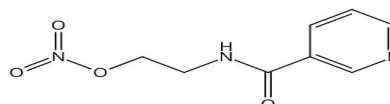
ACI 143500 **Nicergoline:** [(6aR,9R,10aS)-10a-Methoxy-4,7-dimethyl-4,6,6a,7,8,9,10,10a-octahydroindolo [4,3-fg]quinolin-9-yl]methyl 5-bromopyridine-3-carboxylate



27848-84-6

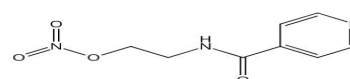
## Nicorandil

ACI 141600 **Nicorandil:** 2-[(Pyridin-3-ylcarbonyl)amino]ethyl nitrate

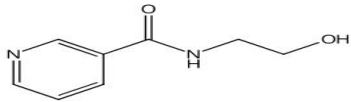
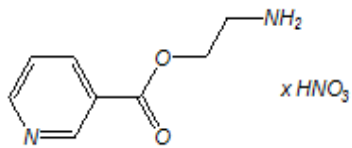
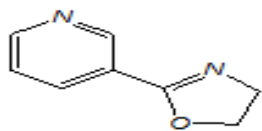
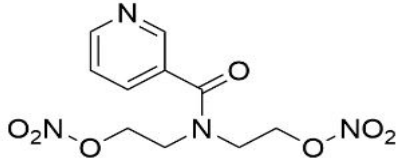


65141-46-0

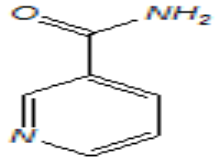
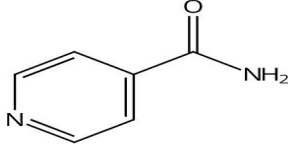
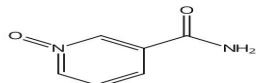
ACI 141601 **Nicorandil Imp.A(EP):** 2-[(pyridin-4-ylcarbonyl)amino]ethyl nitrate



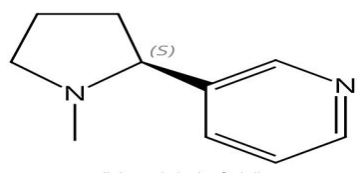
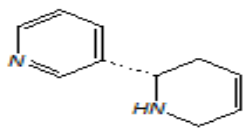
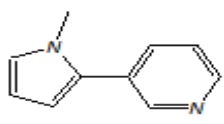
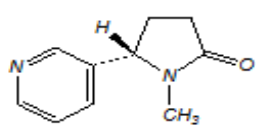
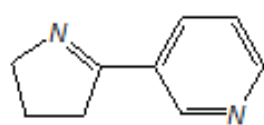
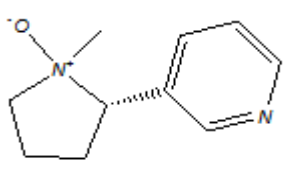
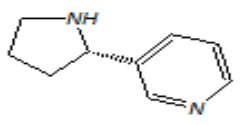
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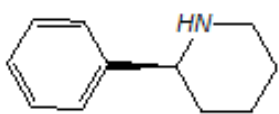
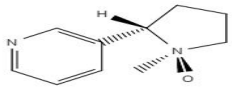
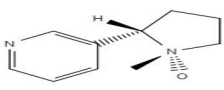
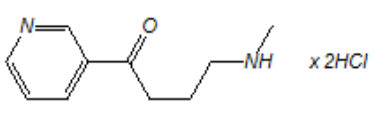
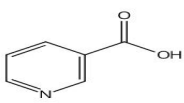
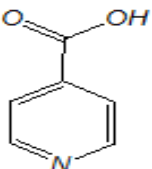
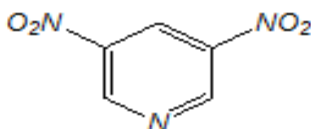
Code	Product Name	Structure	CAS No.
ACI 141611	<b>Nicorandil amide (BPCRS):</b> N-(2-hydroxyethyl)nicotinamide		6265-73-2
ACI 141612	<b>Nicorandil nitrate (BPCRS):</b> 3-Pyridinecarboxamide, N-2-(nitrooxy)ethyl-, nitrate (1:1)		88598-33-8
ACI 141613	<b>Nicorandil Impurity:</b> 3-(4,5-Dihydro-2-oxazolyl)-pyridine		40055-37-6
ACI 141615	<b>Nicorandil Impurity :</b> N,N-Bis[2-(nitrooxy)ethyl]-3-pyridinecarboxamide		1157-74-0

## Nicotinamide

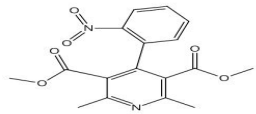
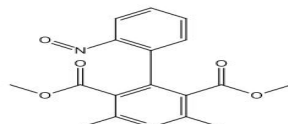
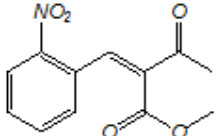

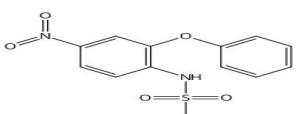
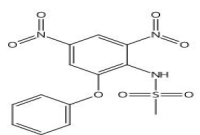
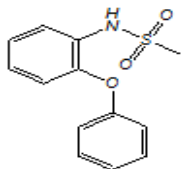
ACI 141400	<b>Nicotinamide:</b> Pyridine-3-carboxylic acid amide		98-92-0
ACI 141401	<b>Nicotinamide Impurity:</b> Isonicotinamide		1453-82-3
ACI 141405	<b>Nicotinamide Imp. E (EP):</b> pyridine-3-carboxamide 1-oxide (nicotinamide N-oxide)		1986-81-8

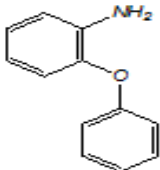
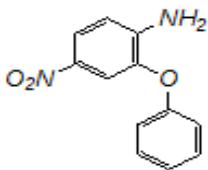
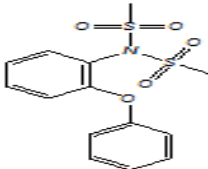
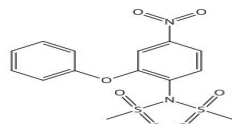
## Nicotine

Code	Product Name	Structure	CAS No.
ACI 142300	<b>Nicotine:</b> 3-[(2S)-1-Methylpyrrolidin-2-yl]pyridine		54-11-5
ACI 142601	<b>Nicotine ditartrate dihydrate Imp. A (EP):</b> (2S)-1,2,3,6-tetrahydro-2,3'-bipyridyl		581-49-7
ACI 142602	<b>Nicotine ditartrate dihydrate Imp. B (EP):</b> 3-(1-methyl-1H-pyrrol-2-yl)pyridine		487-19-4
ACI 142603	<b>Nicotine ditartrate dihydrate Imp. C (EP):</b> (5S)-1-methyl-5-(pyridin-3-yl)pyrrolidin-2-one ,		486-56-6
ACI 142604	<b>Nicotine ditartrate dihydrate Imp. D (EP):</b> 3-(4,5-dihydro-3H-pyrrol-2-yl)pyridine		532-12-7
ACI 142605	<b>Nicotine ditartrate dihydrate Imp. E (EP):</b> (1R,2S)-1-methyl-2-(pyridin-3-yl)pyrrolidine 1-oxide (nicotine N'-oxide)		491-26-9
ACI 142606	<b>Nicotine ditartrate dihydrate Imp. F (EP):</b> 3-[(2S)-pyrrolidin-2-yl]pyridine		494-97-3

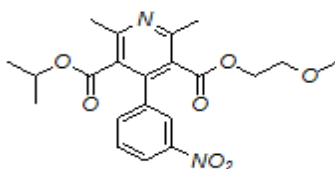
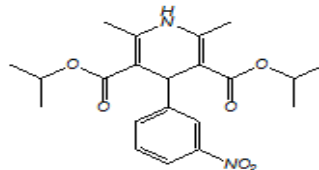
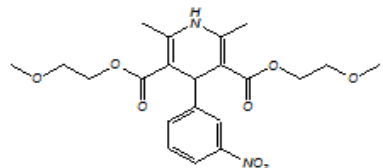
Code	Product Name	Structure	CAS No.
ACI 142607	<b>Nicotine ditartrate dihydrate Imp. G (EP):</b> 3-[(2S)-piperidin-2-yl]pyridine		494-52-0
ACI 142611	<b>Nicotine ditartrate dihydrate Impurity:</b> (1R,2S)-1-methyl-2-(pyridin-3-yl)pyrrolidine 1-oxide		51020-67-8
ACI 142612	<b>Nicotine ditartrate dihydrate Impurity:</b> (1S,2S)-1-methyl-2-(pyridin-3-yl)pyrrolidine 1-oxide		51095-86-4
ACI 142613	<b>Nicotine ditartrate dihydrate Impurity as dihydrochloride:</b> 4-(Methylamino)-1-(3-pyridinyl)-1-butanone dihydrochloride		66093-90-1
<b>Nicotinic</b>			
ACI 141300	<b>Nicotinic acid:</b> Pyridine-3-carboxylic acid (Niacin)		59-67-6
ACI 141305	<b>Nicotinic acid Imp. E (EP):</b> Pyridine-4-carboxylic acid		55-22-1
ACI 141309	<b>Nicotinic acid Imp. I (EP):</b> 3,5-Dinitropyridine		940-06-7

## Nifedipine

Code	Product Name	Structure	CAS No.
ACI 142001	<b>Nifedipine Imp. A (EP):</b> Dimethyl 2,6-dimethyl-4-(2-nitrophenyl)pyridine-3,5-dicarboxylate		67035-22-7
ACI 142002	<b>Nifedipine Imp. B (EP):</b> Dimethyl 2,6-dimethyl-4-(2-nitrosophenyl)pyridine-3,5-dicarboxylate (nitrosophenylpyridine analogue)		50428-14-3
ACI 142003	<b>Nifedipine Imp. C (EP):</b> Methyl 2-(2-nitrobenzylidene)-3-oxobutanoate		39562-27-1
ACI 142004	<b>Nifedipine Imp. D (EP):</b> Methyl 3-aminobut-2-enoate		14205-39-1
<b>Nimesulide</b>			
ACI 141100	<b>Nimesulide:</b> N-(4-Nitro-2-phenoxyphenyl)methanesulfonamide		51803-78-2
ACI 141101	<b>Nimesulide Imp. A (EP):</b> N-(2,4-dinitro-6-phenoxyphenyl)methanesulfonamide		51765-56-1
ACI 141102	<b>Nimesulide Imp. B (EP):</b> N-(2-Phenoxyphenyl)methane sulfonamide		51765-51-6

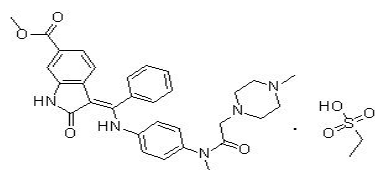
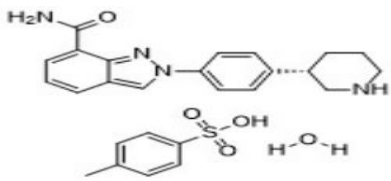
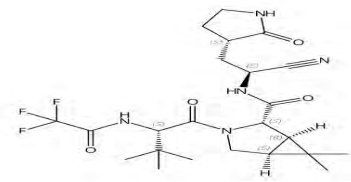
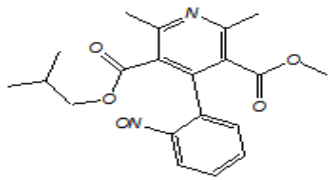
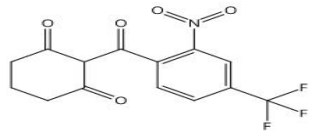
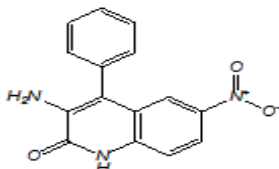
Code	Product Name	Structure	CAS No.
ACI 141103	<b>Nimesulide Imp. C (EP):</b> 2-Phenoxyaniline		2688-84-8
ACI 141104	<b>Nimesulide Imp. D (EP):</b> 4-nitro-2-phenoxyaniline		5422-92-4
ACI 141105	<b>Nimesulide Imp. E (EP):</b> N,N-bis(methylsulfonyl)-2-phenoxyaniline		905858-63-1
ACI 141106	<b>Nimesulide Imp. F (EP):</b> N-(Methylsulfonyl)-N-(4-nitro-2-phenoxyphenyl)methane sulfonamide		51765-72-1

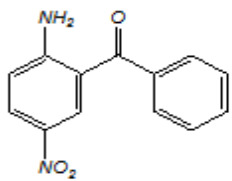
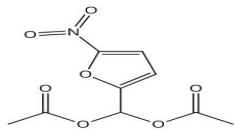
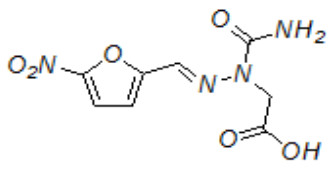
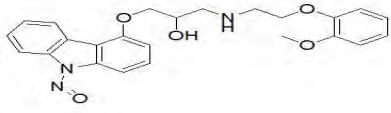
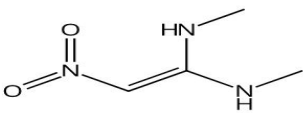
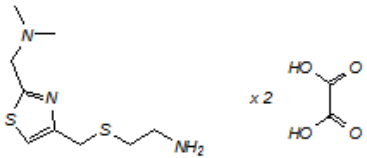
## Nimodipine


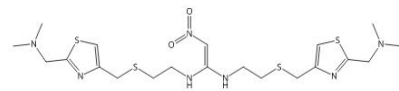
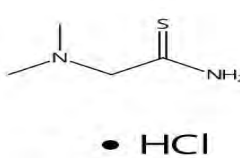
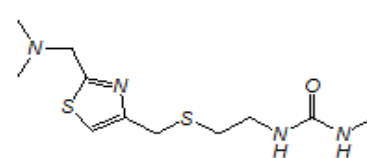
ACI 141501	<b>Nimodipine Imp. A (EP):</b> 2-methoxyethyl 1-methylethyl 2,6-dimethyl-4-(3-nitrophenyl) pyridine-3,5-dicarboxylate		85677-93-6
ACI 141502	<b>Nimodipine Imp. B (EP):</b> bis(1-methylethyl) 2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate		21881-78-7
ACI 141503	<b>Nimodipine Imp. C (EP):</b> bis(2-methoxyethyl) 2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate		70172-96-2

## Nintedanib

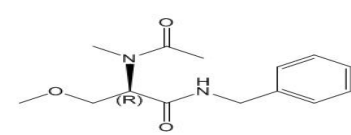
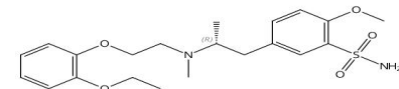


Code	Product Name	Structure	CAS No.
ACI 152400	<b>Nintedanib esylate:</b> (3Z)-2,3-Dihydro-3-[[[4-[methyl[(4-methyl-1-piperazinyl)acetyl]amino]phenyl]amino]phenylmethylene]-2-oxo-1H-Indole-6-carboxylic acid Methyl Ester Monoethanesulfonate		656247-18-6
<b>Niraparib</b>			
ACI 145100	<b>Niraparib tosylate monohydrate:</b> 2-[4-(3S)-3-piperidinylphenyl]-2H-Indazole-7-carboxamide 4-methylbenzenesulfonate hydrate (1:1:1)		1613220-15-7
<b>Nirmatrelvir</b>			
ACI 145500	<b>Nirmatrelvir:</b> (1R,2S,5S)-N-(1S)-1-cyano-2-[(3S)-2-oxopyrrolidin-3-yl]ethyl-3-[(2S)-3,3-dimethyl-2-(2,2,2-trifluoroacetamido)butanoyl]-6,6-dimethyl-3-azabicyclo[3.1.0]hexane-2-carboxamide		2628280-40-8
<b>Nisoldipine</b>			
ACI 142811	<b>Nisoldipine impurity:</b> 5-Methyl 3-(2-methylprop-3-yl) 2,6-dimethyl-4-(2-nitrosophenyl)pyridine-3,5-dicarboxylate		87375-91-5
<b>Nitisinone</b>			
ACI 144100	<b>Nitisinone:</b> 2-[2-Nitro-4-(trifluoromethyl)benzoyl]-1,3-cyclohexanedione		104206-65-7
<b>Nitrazepam</b>			
ACI 141901	<b>Nitrazepam Imp. A (EP):</b> 3-Amino-6-nitro-4-phenylquinolin-2(1H)-one		36020-93-6

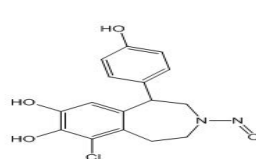
Code	Product Name	Structure	CAS No.
ACI 141902	<b>Nitrazepam Imp. B (EP):</b> (2-Amino-5-nitrophenyl)phenyl methanone		1775-95-7
<b>Nitrofurantoin</b>			
ACI 140302	<b>Nitrofurantoin Imp. B (EP):</b> (5-Nitrofurantoin)methylene Diacetate		92-55-7
<b>Nitrofurantoin</b>			
ACI 143011	<b>Nitrofurantoin Impurity:</b> N-(Aminocarbonyl)-N-[(5-nitro-2-furanyl)-methylene]-amino]-glycine		63981-22-6
<b>Nitroso</b>			
ACI 031019	<b>Nitroso Carvedilol:</b> (S)-1-((2-(2-methoxyphenoxy)ethyl)amino)-3-((9-nitroso-9H-carbazol-4-yl)oxy)propan-2-ol		NA
<b>Nizatidine</b>			
ACI 140101	<b>Nizatidine Imp. A (EP):</b> N,N-dimethyl-2-nitro-1,1-ethenediamine		54252-45-8
ACI 140104	<b>Nizatidine Imp. D (EP) as Dioxalate:</b> 2-[[[2-[(dimethylamino)methyl]thiazol-4-yl]methyl]sulfanyl] ethanamine dioxalate		78441-63-1

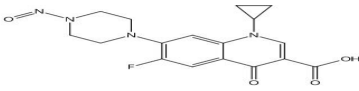
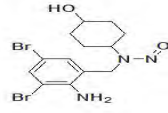
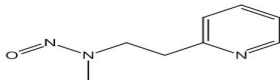
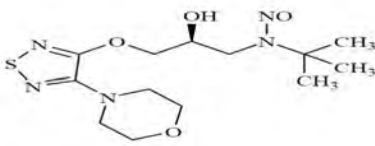
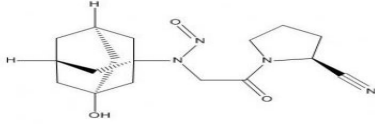
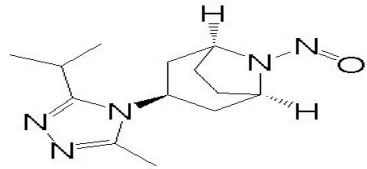
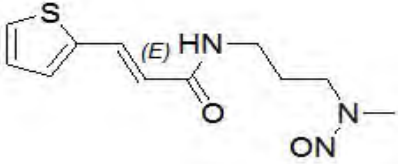
Code	Product Name	Structure	CAS No.
ACI 140105	<b>Nizatidine Imp. E (EP) as sodium salt:</b> N-[2-[[[2-[(Dimethylamino)-methyl]thiazol-4-yl]methyl]sulphonyl]ethyl]-2-nitroacetamide sodium salt		NA
ACI 140107	<b>Nizatidine Imp. G (EP):</b> N,N'-Bis[2-[[[2-[(dimethylamino) methyl]thiazol-4-yl]methyl] sulfanyl]ethyl]-2-nitroethene-1,1-diamine		1193434-63-7
ACI 140108	<b>Nizatidine Imp. H (EP) as hydrochloride:</b> 2-(dimethylamino)thioacetamide		27366-72-9
ACI 140109	<b>Nizatidine Imp. I (EP):</b> N-[2-[[[2-[(dimethylamino) methyl]thiazol-4-yl]methyl]sulphonyl]ethyl]-N'-methylurea		82586-81-0

## N-Methyl

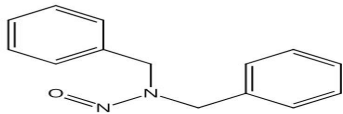
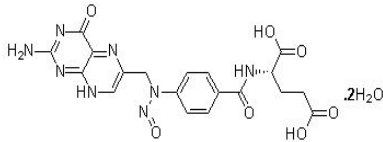
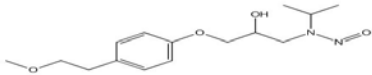
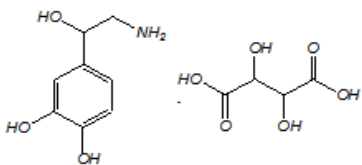
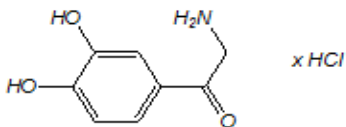
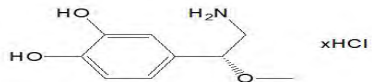
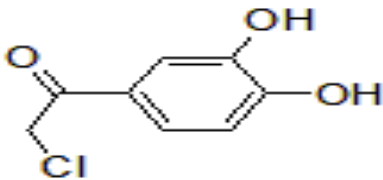
ACI 123703	<b>N-Methyl Lacosamide:</b> (R)-2-(N-methylacetamido)-N-benzyl-3-methoxypropanamide		NA
ACI 203511	<b>N-Methyl Tamsulosin:</b> (R)-5-(2-((2-Ethoxyphenoxy)ethyl)(methyl)amino)propyl)-2-methoxybenzenesulfonamide		2749357-76-2

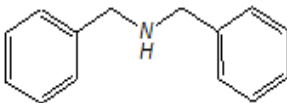
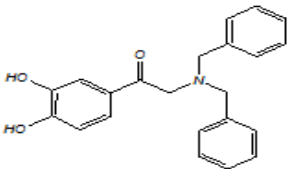
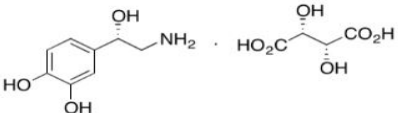
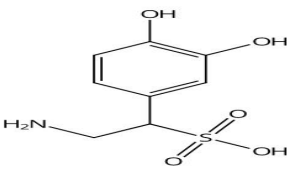
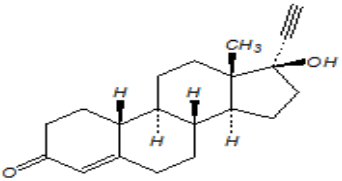
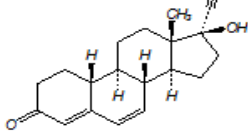
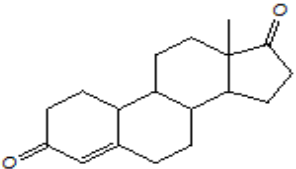
## N-Nitroso

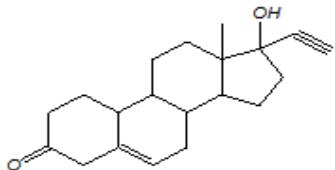
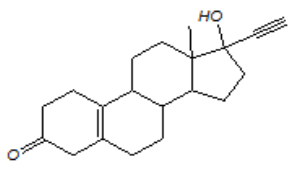
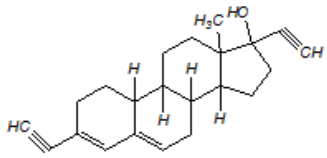
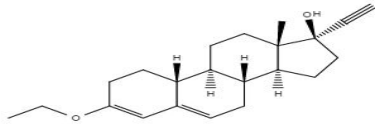
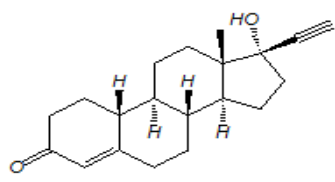
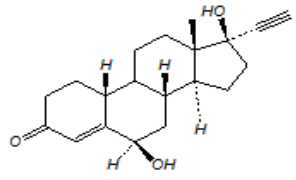
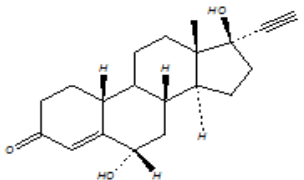
ACI 064711	<b>N-Nitroso Fenoldopam :</b> 6-Chloro-1-(4-hydroxyphenyl)-3-nitroso-2,3,4,5-tetrahydro-1H-benzo[d]azepine-7,8-diol		NA
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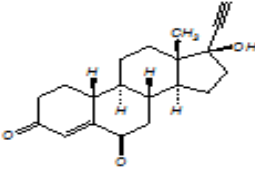
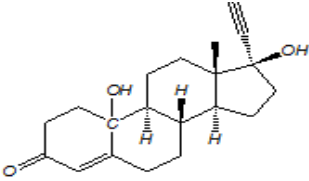
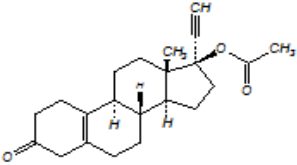
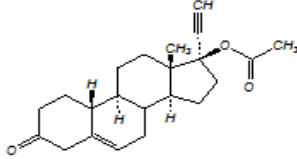
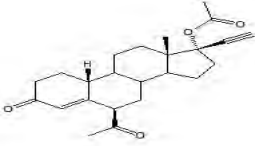
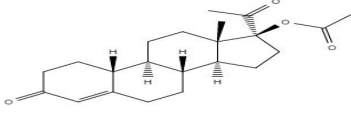
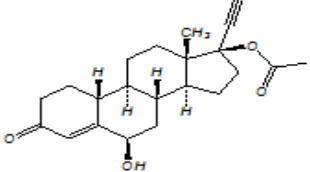
Code	Product Name	Structure	CAS No.
ACI 033715	<b>N-Nitroso Ciprofloxacin:</b> 1-Cyclopropyl-6-fluoro-1,4-dihydro-7-(4-nitroso-1-piperazinyl)-4-oxo-3-quinolinecarboxylic Acid		864443-44-7
ACI 010625	<b>N-Nitroso Ambroxol:</b> N-(2-Amino-3,5-dibromobenzyl)-N-((1r,4r)-4-hydroxycyclohexyl)nitrous amide		NA
ACI 020113	<b>N-Nitroso Betahistine:</b> N-Methyl-N-nitroso-2-pyridineethanamine		32635-81-7
ACI 201925	<b>N-Nitroso Timolol:</b> (S)-N-(Tert-butyl)-N-(2-hydroxy-3-((4-morpholino-1,2,5-thiadiazol-3-yl)oxy)propyl)nitrous amide		NA
ACI 221325	<b>N-Nitroso Vildagliptin:</b> N-(2-((S)-2-cyanopyrrolidin-1-yl)-2-oxoethyl)-N-((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)nitrous amide		NA
ACI 137611	<b>N-Nitroso Maraviroc Impurity:</b> (1R,3s,5S)-3-(3-isopropyl-5-methyl-4H-1,2,4-triazol-4-yl)-8-nitroso-8-azabicyclo[3.2.1]octane		NA
ACI 148611	<b>N-Nitroso Pyrantel pamoate impurity:</b> (E)-N-(3-(methyl nitroso)amino)propyl)-3-(thiophen-2-yl)acrylamide		NA

## N-Nitrosodibenzylamine

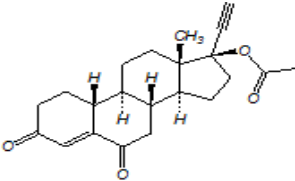
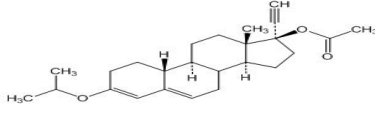
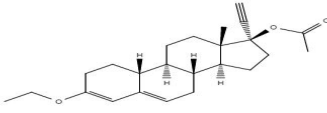
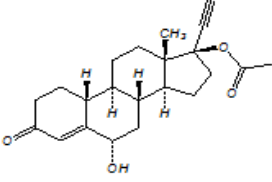
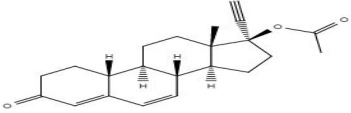
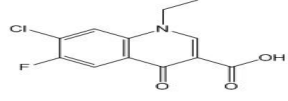
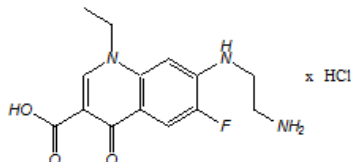
Code	Product Name	Structure	CAS No.
R14012	<b>N-Nitrosodibenzylamine:</b> N-Nitrosodibenzylamine		5336-53-8
<b>N-Nitroso-Folic</b>			
ACI 060722	<b>N-Nitroso-Folic acid:</b> (4-(((2-amino-4-oxo-4,8-dihydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid dihydrate		26360-21-4 (anhydrous)
<b>N-Nitrosometoprolol</b>			
ACI 130127	<b>N-Nitrosometoprolol:</b> N-(2-hydroxy-3-(4-(2-methoxyethyl)phenoxy)propyl)-N-isopropyl nitrous amide		138768-62-4
<b>Noradrenaline</b>			
ACI 142200	<b>Noradrenaline Tartrate:</b> 1-(2-Amino-1-hydroxyethyl)-1,2-benzenediol bitartrate		51-40-1
ACI 142202	<b>Noradrenaline Tartrate Imp. B (EP) as hydrochloride:</b> 2-amino-1-(3,4-dihydroxyphenyl)ethanone hydrochloride		5090-29-9
ACI 142204	<b>Noradrenaline Tartrate Imp. D (EP) as hydrochloride:</b> 4-[(1R)-2-amino-1-methoxyethyl]benzene-1,2-diol hydrochloride		NA
ACI 142205	<b>Noradrenaline Tartrate Imp. E (EP):</b> 2-chloro-1-(3,4-dihydroxyphenyl)ethanone		99-40-1

Code	Product Name	Structure	CAS No.
ACI 142206	<b>Noradrenaline Tartrate Imp. F (EP):</b> N-benzyl-1-phenylmethanamine		103-49-1
ACI 142207	<b>Noradrenaline Tartrate Imp. G (EP):</b> 2-(dibenzylamino) -1-(3,4-dihydroxyphenyl)ethanone		13062-58-3
ACI 142211	<b>Noradrenaline Tartrate Impurity:</b> 4-[(1S)-2-amino-1-hydroxyethyl]-,1,2-benzenediol (2R,3R)-2,3-dihydroxybutanedioate		636-88-4
ACI 142212	<b>Noradrenaline Tartrate Impurity:</b> α-(Aminomethyl)-3,4-dihydroxybenzenemethanesulfonic acid		24159-36-2
<b>Norethisterone</b>			
ACI 140600	<b>Norethisterone:</b> 17-Hydroxy-19-nor-17a-pregn-4-en-20-yn-3-one		68-22-4
ACI 140601	<b>Norethisterone Imp. A (EP):</b> 17-hydroxy-19-nor-17a-pregna-4,6-dien-20-yn-3-one		31528-46-8
ACI 140602	<b>Norethisterone Imp. B (EP):</b> estr-4-ene-3,17-dione		734-32-7

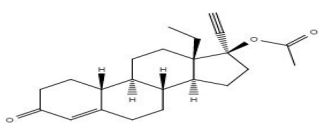
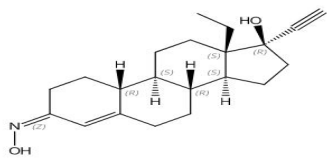
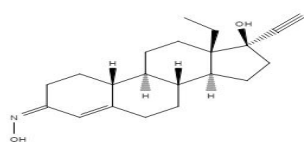
Code	Product Name	Structure	CAS No.
ACI 140603	<b>Norethisterone Imp. C (EP):</b> 17-hydroxy-19-nor-17a-pregn-5-en-20-yn-3-one		22933-71-7
ACI 140604	<b>Norethisterone Imp. D (EP):</b> 17-hydroxy-19-nor-17a-pregn-5(10)-en-20-yn-3-one		68-23-5
ACI 140605	<b>Norethisterone Imp. E (EP):</b> 3-ethynyl-19-nor-17a-pregna-3,5-dien-20-yn-17-ol((17a)-3-Ethynyl-19-norpregna-3,5-dien-20-yn-17-ol OR 3,17 alpha-diethynyl-3,5-estradiene-17-ol)		79727-03-0
ACI 140606	<b>Norethisterone Imp. F (EP):</b> 3-ethoxy-19-Nor-17α-pregna-3,5-dien-20-yn-17-ol		96487-85-3
ACI 140607	<b>Norethisterone Imp. G (EP):</b> 17-hydroxy-19-norpregn-4-en-20-yn-3-one (17-epi-norethisterone),		38673-36-8
ACI 140608	<b>Norethisterone Imp. H (EP):</b> 6β,17-dihydroxy-19-nor-17a-pregn-4-en-20-yn-3-one		51724-44-8
ACI 140612	<b>Norethisterone impurity:</b> 6α,17-dihydroxy-19-nor-17a-pregn-4-en-20-yn-3-one(6α-Hydroxynorethisterone)		438244-33-8

Code	Product Name	Structure	CAS No.
ACI 140613	<b>Norethisterone impurity: 6-ketonorethisterone</b>		67696-78-0
ACI 140614	<b>Norethisterone impurity: 10β-Hydroxynorethisterone</b>		1236-00-6
ACI 140702	<b>Norethisterone acetate Imp. B (EP): 3-Oxo-19-nor-17a-pregn-5(10)-en-20-yn-17-yl acetate</b>		19637-28-6
ACI 140703	<b>Norethisterone acetate Imp. C (EP): 3-oxo-19-nor-17a-pregn-5-en-20-yn-17-yl acetate</b>		1175129-26-6
ACI 140704	<b>Norethisterone acetate Imp. D (EP): 6β-acetyl-3-oxo-19-nor-17a-pregn-4-en-20-yn-17-yl acetate</b>		NA
ACI 140705	<b>Norethisterone acetate Imp. E (EP): 3,20-dioxo-19-nor-17a-pregn-4-en-17-yl acetate</b>		66964-58-7
ACI 140706	<b>Norethisterone acetate Imp. F (EP): 6β-hydroxy-3-oxo-19-nor-17a-pregn-4-en-20-yn-17-yl acetate</b>		6856-27-5

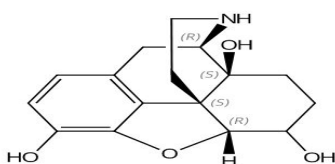


Code	Product Name	Structure	CAS No.
ACI 140707	<b>Norethisterone acetate Imp. G (EP):</b> 3,6-dioxo-19-nor-17a-pregn-4-en-20-yn-17-yl acetate		438244-27-0
ACI 140708	<b>Norethisterone acetate Imp. H (EP):</b> 3-(1-methylethoxy)-19-nor-17a-pregna-3,5-dien-20-yn-17-yl acetate		NA
ACI 140709	<b>Norethisterone acetate Imp. I (EP):</b> 3-ethoxy-19-nor-17a-pregna-3,5-dien-20-yn-17-yl acetate		50717-99-2
ACI 140711	<b>Norethisterone acetate Impurity:</b> 6a-Hydroxy-3-oxo-19-nor-17a-pregn-4-en-20-yn-17-yl acetate		6856-28-6
ACI 140712	<b>Norethisterone acetate Impurity:</b> (17α)-17-(Acetyloxy)-19-norpregna-4,6-dien-20-yn-3-on		106765-04-2
<b>Norfloxacin</b>			
ACI 141201	<b>Norfloxacin Imp. A (EP):</b> 7-chloro-1-ethyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		NA
ACI 141211	<b>Norfloxacin Impurity:</b> 7-(2-aminoethyl)amino-1-ethyl-6-fluoro-1,4-dihydro-4-oxo-3 quinolinecarboxylic acid		75001-77-3 x HCl

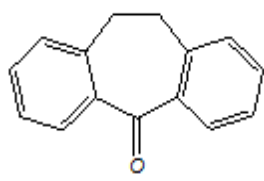
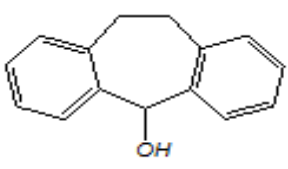
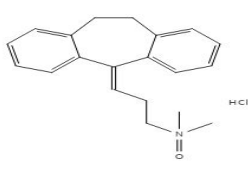
**Norgestimate**

Code	Product Name	Structure	CAS No.
ACI 142401	<b>Norgestimate Imp. A (EP):</b> 13 $\beta$ -ethyl-3-oxo-18,19-dinor-17a-pregn-4-en-20-yn-17-yl acetate		13732-69-9
ACI 142403	<b>Norgestimate Imp. C (EP):</b> (3E)-13 $\beta$ -ethyl-3-(hydroxyimino)-18,19-dinor-17a-pregn-4-en-20-yn-17-ol ((E)-norelgestromin)		74183-55-3
ACI 142404	<b>Norgestimate Imp. D (EP):</b> (3Z)-13 $\beta$ -ethyl-3-(hydroxyimino)-18,19-dinor-17a-pregn-4-en-20-yn-17-ol ((Z)-norelgestromin)		74183-54-3

## Noroxymorphol

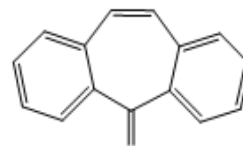
ACI 145415	<b>Noroxymorphol:</b> (5 $\alpha$ )-4,5-Epoxymorphinan-3,6,14-triol		1649937-51-8
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## Nortriptyline

ACI 141801	<b>Nortriptyline Hydrochloride Imp. A (EP):</b> 10,11-dihydro-5H-dibenzo[a,d][7]annulen-5-one		1210-35-1
ACI 141809	<b>Nortriptyline Hydrochloride Imp. I (EP):</b> 10,11-dihydro-5H-dibenzo[a,d][7]annulen-5-ol		1210-34-0
ACI 141810	<b>Nortriptyline Hydrochloride Imp. J (EP) as Hydrochloride:</b> [3-(10,11-Dihydro-5H-dibenzo[a,d][7]annulen-5-ylidene)-propyl]dimethylamine oxide Hydrochloride		4290-60-2

Code	Product Name	Structure	CAS No.
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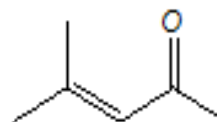
ACI 141821	<b>Nortriptyline Hydrochloride Impurity:</b> 5H-Dibenzo [a,d]cyclohepten-5-one (5-Dibenzosuberone)
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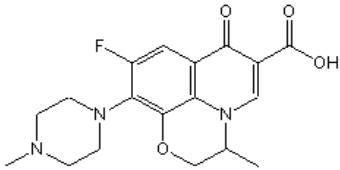
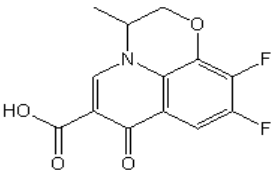
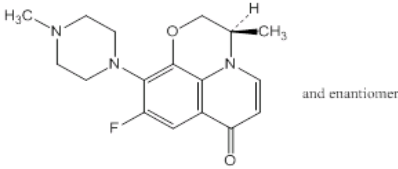
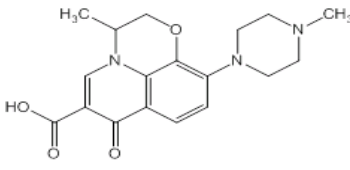
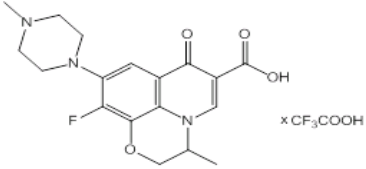
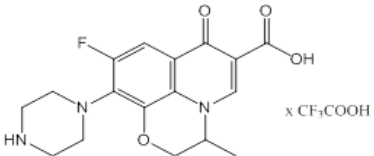
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## Nystatin

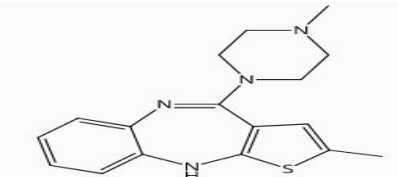
ACI 141911	<b>Nystatin impurity:</b> 4-methyl-3-penten-2-one(mesityloxide)
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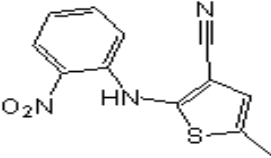
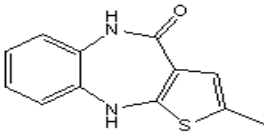
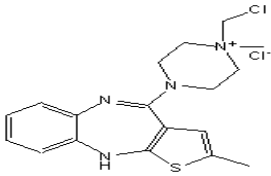
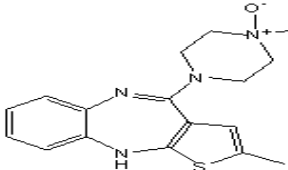
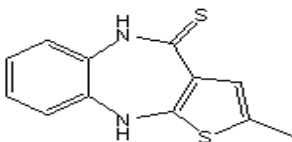
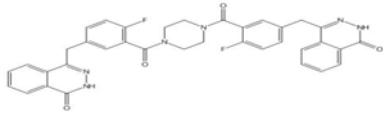
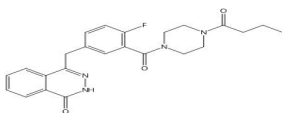


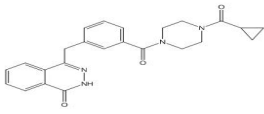
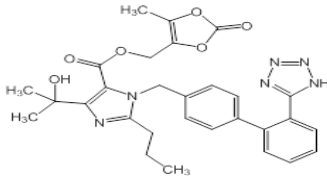
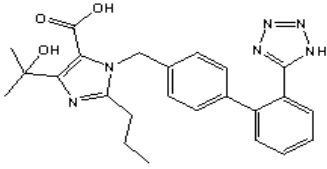
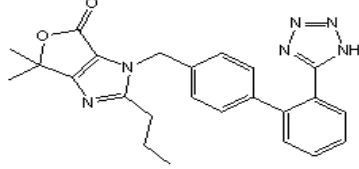
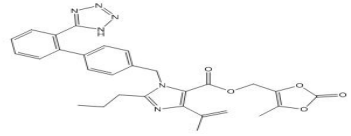
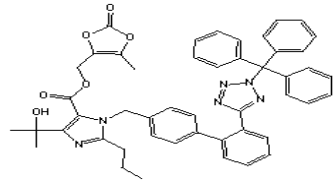
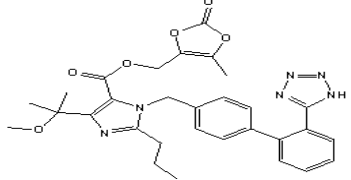
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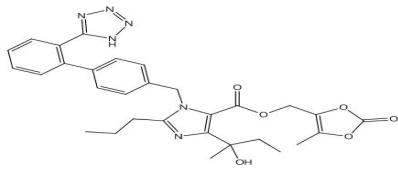
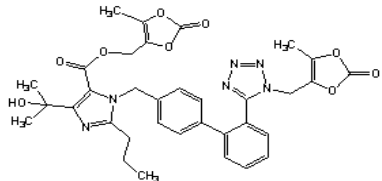
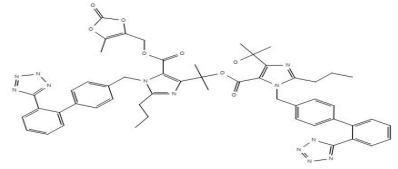
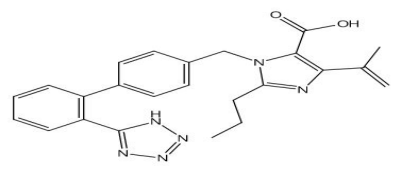
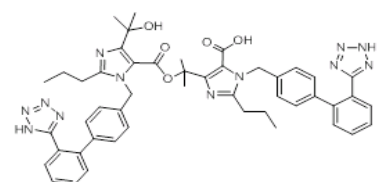
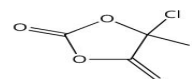
Code	Product Name	Structure	CAS No.
<b>Ofloxacin</b>			
ACI 150600	<b>Ofloxacin:</b> (3RS)-9-Fluoro-3-methyl-10-(4-methylpiperazin-1-yl)-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid		82419-36-1
ACI 150601	<b>Ofloxacin Imp. A (EP):</b> (3RS)-9,10-difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid		82419-35-0
ACI 150602	<b>Ofloxacin Imp. B (EP):</b> (3RS)-9-fluoro-3-methyl-10-(4-methylpiperazin-1-yl)-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazin-7-one		123155-82-8
ACI 150603	<b>Ofloxacin Imp. C (EP):</b> (3RS)-3-methyl-10-(4-methylpiperazin-1-yl)-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid		NA
ACI 150604	<b>Ofloxacin Imp. D (EP) as trifluoroacetate salt:</b> (3RS)-10-fluoro-3-methyl-9-(4-methylpiperazin-1-yl)-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid trifluoroacetate		n/a
ACI 150605	<b>Ofloxacin Imp. E (EP) as trifluoroacetate salt:</b> (3RS)-9-fluoro-3-methyl-7-oxo-10-(piperazin-1-yl)-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid trifluoroacetate		NA

## Olanzapine

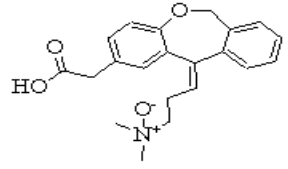
ACI 150300	<b>Olanzapine:</b> 2-Methyl-4-(4-methylpiperazin-1-yl)-10H-thieno[2,3-b]-[1,5]benzodiazepine		132539-06-01
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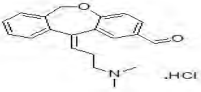
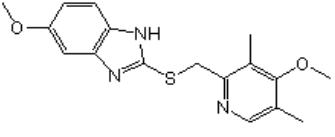
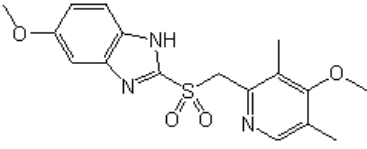
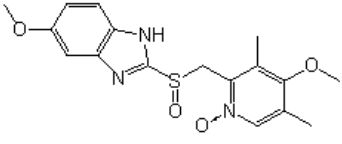
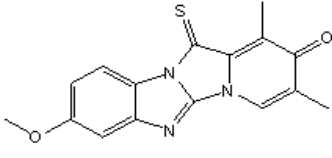
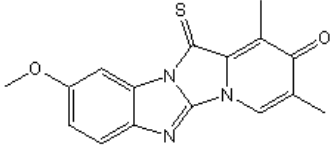
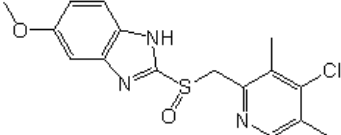
Code	Product Name	Structure	CAS No.
ACI 150301	<b>Olanzapine Imp. A (Pharmeuropa):</b> 5-Methyl-2- [(2-nitrophenyl)amino]thiophene-3-carbonitrile		138564-59-7
ACI 150302	<b>Olanzapine Imp. B (EP):</b> 2-Methyl-5,10-dihydro-4H-thieno [2,3-b][1,5]benzodiazepin -4-one		221176-49-4
ACI 150303	<b>Olanzapine Imp. C (EP) as chloride:</b> 1-(Chloromethyl)-1-methyl-4-(2-methyl-10H- thieno[2,3-b]-[1,5]benzodiazepin-4-yl)piperazin-1-ium chloride		719300-59-1
ACI 150304	<b>Olanzapine Imp. D (EP):</b> 1-methyl-4-(2-methyl-10H-thieno [2,3-b][1,5]benzodiazepin-4-yl)piperazin-1-oxide		174794-02-6
ACI 150309	<b>Olanzapine Impurity:</b> 2-Methyl-5,10-dihydro-4H-thieno [2,3-b][1,5]benzodiazepin-4-thione		612507-13-8
<b>Olaparib</b>			
ACI 152811	<b>Olaparib Dimer Impurity:</b> 4,4'-(((Piperazine-1,4-dicarbonyl)bis(4-fluoro-3,1-phenylene))bis (methylene))bis (phthalazin-1(2H)-one)		2250242-62-5
ACI 152812	<b>Olaparib Impurity:</b> 4-(3-(4-Butyrylpiperazine-1-carbonyl)-4-fluorobenzyl)phthalazin-1(2H)-one		2250243-17-3

Code	Product Name	Structure	CAS No.
ACI 152813	<b>Olaparib Desfluoro Impurity:</b> 4-(3-(4-(cyclopropanecarbonyl)piperazine-1-carbonyl)benzyl)phthalazin-1(2H)-one		763113-06-0
<b>Olmesartan</b>			
ACI 150500	<b>Olmesartan Medoxomil:</b> (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-(1-hydroxy-1-methylethyl)-2-propyl-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazole-5-carboxylate		144689-63-4
ACI 150501	<b>Olmesartan Medoxomil Imp. A (EP):</b> 4-(1-hydroxy-1-methylethyl)-2-propyl-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazole-5-carboxylic acid		144689-24-7
ACI 150502	<b>Olmesartan Medoxomil Imp. B (EP):</b> 6,6-dimethyl-2-propyl-3-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-3,6-dihydro-4H-furo[3,4-d]imidazol-4-one		849206-43-5
ACI 150503	<b>Olmesartan Medoxomil Imp. C (EP):</b> (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-(1-methylethenyl)-2-propyl-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazole-5-carboxylate		879562-26-2
ACI 150504	<b>Olmesartan Medoxomil Imp. D (EP):</b> (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-(1-hydroxy-1-methylethyl)-2-propyl-1-[[2'-[[2-(triphenylmethyl)-2H-tetrazol-5-yl]biphenyl-4-yl]methyl]-1H-imidazole-5-carboxylate		1020157-01-0
ACI 150511	<b>Olmesartan Medoxomil Impurity:</b> (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-(1-methoxy-1-methylethyl)-2-propyl-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazole-5-carboxylate		896419-17-3

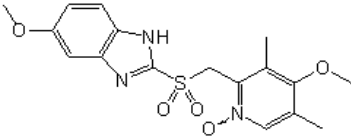
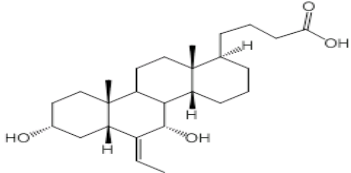
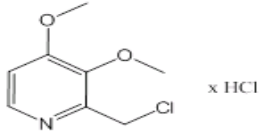
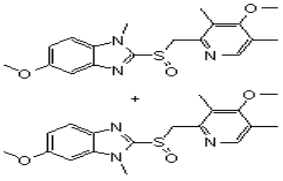
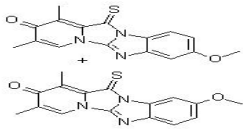
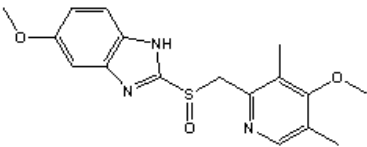
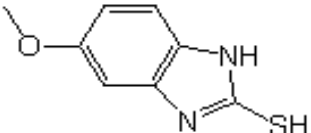
Code	Product Name	Structure	CAS No.
ACI 150512	<b>Olmesartan Medoxomil Impurity:</b> 4-(1-Hydroxy-1-methylpropyl)-2-propyl-1-[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1H-imidazole-5-carboxylic Acid (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl Ester		1378863-74-1
ACI 150513	<b>Olmesartan Medoxomil Impurity:</b> 4-(1-hydroxy-1-methyl ethyl)-1-[[2' -[1-[(5-methyl-2-oxo-1,3-dioxol-4-yl)methyl]-1H-tetrazol-5-yl][1,1' -biphenyl]-4-yl]methyl]-2-propyl-1H-Imidazole-5-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester		1392475-91-0
ACI 150514	<b>Olmesartan Medoxomil Impurity:</b> Olmesartan medoxomil Dimer Impurity		NA
ACI 150515	<b>Olmesartan Medoxomil Impurity:</b> 4-(Prop-1-en-2-yl)-2-propyl-1-[[2'-(1H-tetrazol-5-yl) biphenyl-4-yl] methyl]-1Himidazole-5-carboxylic acid		172875-98-8
ACI 150516	<b>Olmesartan Medoxomil Impurity:</b> Olmesartan Dimer Impurity(dimer ester impurity)		1040250-19-8
ACI 150518	<b>Olmesartan Medoxomil Impurity:</b> 4-Chloro-4-methyl-5-methylene-1,3-dioxolan-2-one		95579-71-8

## Olopatadine

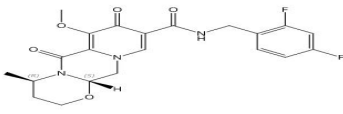
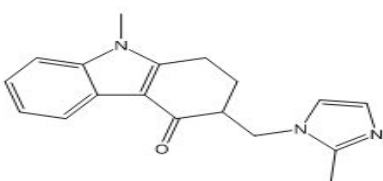
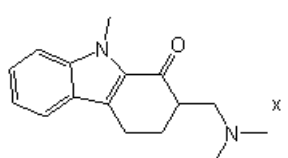
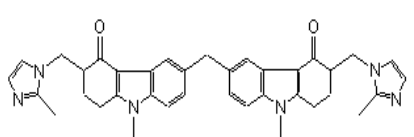
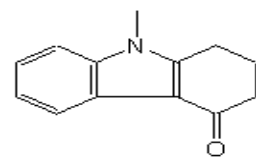
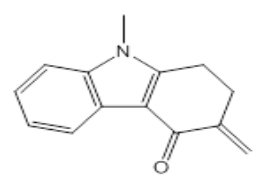
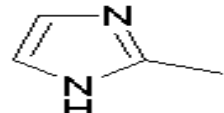
ACI 150404	<b>Olopatadine Impurity:</b> ((Z)-3-{2-(carboxymethyl)dibenzo [b,e]oxepin-11(6H)-ylidene)-N,N-dimethylpropan-1-amine oxide)		173174-07-7
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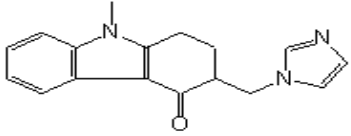
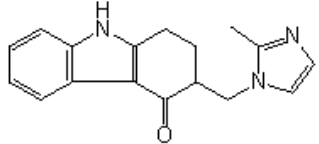
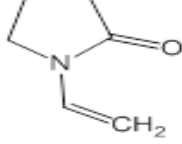
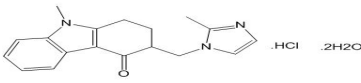
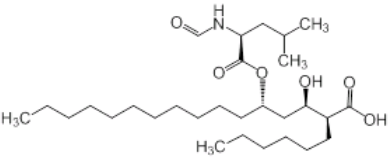
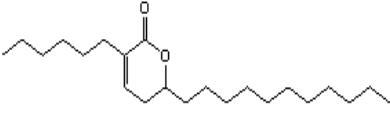
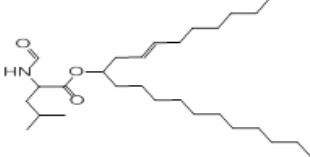
Code	Product Name	Structure	CAS No.
ACI 150411	<b>Olopatadine Carbalddehyde Hydrochloride:</b> (Z)-11-(3-(Dimethylamino)propylidene)-6,11-dihydrodibenzo[b,e]oxepine-2-carbaldehyde Hydrochloride		NA
<b>Omeprazole</b>			
ACI 150203	<b>Omeprazole Imp. C (EP):</b> 5-methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl] sulfanyl]-1H-benzimidazole		73590-85-9
ACI 150204	<b>Omeprazole Imp. D (EP):</b> 5-Methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1H-benzimidazole		88546-55-8
ACI 150205	<b>Omeprazole Imp. E (EP):</b> 4-Methoxy-2-[[[(RS)-(5-methoxy-1H-benzimidazol-2-yl)sulphonyl]methyl]-3,5-dimethylpyridine 1-Oxide		176219-04-8
ACI 150206	<b>Omeprazole Imp. F (EP):</b> 8-methoxy-1,3-dimethyl- 12-thioxopyrido[1',2':3,4]imidazo[1,2-a]benzimidazol-2(12H)-one		125656-82-8
ACI 150207	<b>Omeprazole Imp. G (EP):</b> 9-methoxy-1,3-dimethyl- 12-thioxopyrido[1',2':3,4]imidazo[1,2-a]benzimidazol-2(12H)-one		125656-83-9
ACI 150208	<b>Omeprazole Imp. H (EP):</b> 2-[(RS)-[(4-Chloro-3,5-dimethylpyridin-2-yl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole		863029-89-4

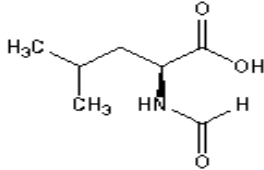
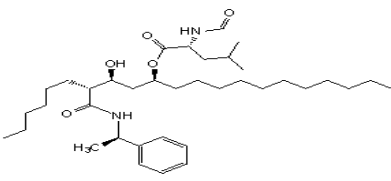
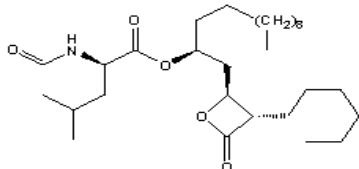
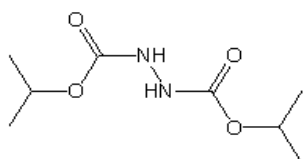
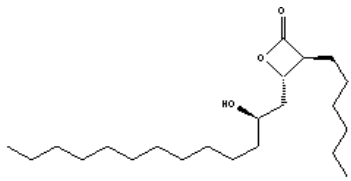
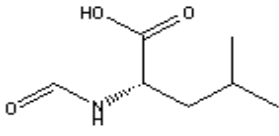
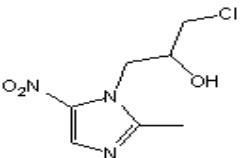


Code	Product Name	Structure	CAS No.
ACI 150209	<b>Omeprazole Imp. I (EP):</b> 4-methoxy-2-[[[(5-methoxy-1H-benzimidazol-2-yl)sulfonyl]methyl]-3,5-dimethylpyridine 1-oxide		158812-85-2
ACI 150211	<b>Omeprazole Impurity:</b> 4-Hydroxy impurity		301669-82-9
ACI 150212	<b>Omeprazole Impurity:</b> 2-Chloromethyl-3,4-dimethoxy pyridine Hydrochloride	 x HCl	72830-09-2
ACI 150213	<b>Omeprazole Impurity:</b> 5-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1-methyl-1H-benzimidazole + 6-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1-methyl-1H-benzimidazole (N-Methyl Omeprazole mixture of isomers)		89352-76-1 + 784143-42-6
ACI 150214	<b>Omeprazole EP Impurity F And G Mixture:</b> 8-methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one compound with 9-methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one		NA
ACI 150200	<b>Omeprazole:</b> 5-Methoxy-2-[(RS)-[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulfinyl]-1H-benzimidazole		73590-58-6
ACI 150201	<b>Omeprazole Imp. A (EP):</b> 5-methoxy-1H-benzimidazole-2-thiol		37052-78-1

## O-Methyl

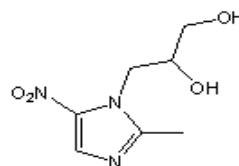
Code	Product Name	Structure	CAS No.
ACI 046315	<b>O-Methyl Dolutegravir:</b> (4R,12AS)-N-(2,4-Difluorobenzyl)-7-methoxy-4-methyl-6,8-dioxo-3,4,6,8,12,12a-hexahydro-2H-pyrido[1',2':4,5]pyrazino[2,1-b][1,3]oxazine-9-carboxamide		1335210-35-9
<b>Ondansetron</b>			
ACI 150100	<b>Ondansetron:</b> (3RS)-9-Methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-1,2,3,9-tetrahydro-4H-carbazol-4-one		99614-02-5
ACI 150101	<b>Ondansetron Hydrochloride Dihydrate Imp. A (EP) as hydrochloride:</b> (3RS)-3-[(Dimethylamino)methyl]-9-methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one hydrochloride	 x HCl	n/a
ACI 150102	<b>Ondansetron Hydrochloride Dihydrate Imp.B (EP):</b> 6,6'-methylenebis[(3RS)-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-1,2,3,9-tetrahydro-4H-carbazol-4-one]		1076198-52-1
ACI 150103	<b>Ondansetron Hydrochloride Dihydrate Imp. C (EP):</b> 9-Methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one		27387-31-1
ACI 150104	<b>Ondansetron Hydrochloride Dihydrate Imp. D (EP):</b> 9-Methyl-3-methylene-1,2,3,9-tetrahydro-4H-carbazol-4-one		NA
ACI 150106	<b>Ondansetron Hydrochloride Dihydrate Imp. F (EP):</b> 2-Methyl-1H-imidazole		693-98-1

Code	Product Name	Structure	CAS No.
ACI 150107	<b>Ondansetron Hydrochloride Dihydrate Imp G (EP):</b> (3RS)-3-[(1H-Imidazol-1-yl)methyl]-9-methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one		NA
ACI 150108	<b>Ondansetron Hydrochloride Dihydrate Imp H (EP):</b> (3RS)-3-[(2-Methyl-1H-imidazol-1-yl)methyl]-1,2,3,9-tetrahydro-4H-carbazol-4-one (N-Demethylondansetron)		99614-14-9
ACI 150109	<b>Ondansetron Hydrochloride Dihydrate Impurity: 1-</b> Vinylpyrrolidin-2-one		88-12-0
WS-150100	<b>Ondansetron hydrochloride dihydrate:</b> (3RS)-9-Methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-1,2,3,9-tetrahydro-4H-carbazol-4-one hydrochloride dihydrate		103639-04-9
<b>Orlistat</b>			
ACI 150811	<b>Orlistat Impurity:</b> (2S,3R,5S)-5-[(N-Formyl-L-leucyl)oxy]-2-hexyl-3-hydroxyhexadecanoic acid (Orlistat open ring epimer)		NA
ACI 150813	<b>Orlistat Impurity:</b> (S)-3-Hexyl-5,6-dihydro-6-undecyl-2H-pyran-2-one		130676-64-1
ACI 150814	<b>Orlistat Impurity:</b> [Henicos-7-en-10-yl] N-formyl-L-leucinate		130676-63-0

Code	Product Name	Structure	CAS No.
ACI 150815	<b>Orlistat Impurity:</b> N-Formyl-L-leucine		6113-61-7
ACI 150816	<b>Orlistat Impurity:</b> N-Formyl-L-leucine (S)-1-[(2S,3S)-2-hydroxy-3-[1-phenyl-R-ethyl- nonyl]-dodecyl ester (Orlistat open ring amide)		n/a
ACI 150817	<b>Orlistat Impurity:</b> N-Formyl-D-leucine (S)-1-[[[(2S,3S)-3-hexyl-4-oxo-2- oxetanyl]methyl]dodecyl ester or enantiomer		n/a
ACI 150818	<b>Orlistat Impurity:</b> diisopropyl hydrazine-1,2-dicarboxylate		19740-72-8
ACI 150819	<b>Orlistat Impurity:</b> (3S,4S)-3-hexyl-4-[(R)-2-hydroxytridecyl]-2-oxetanone		104872-06-2
ACI 150820	<b>Orlistat Impurity:</b> N-Formyl-L-leucine (3S,4R,6S)-3-Hexyltetrahydro-2-oxo-6-undecyl-2H-pyran-4-yl Ester		130793-27-0
<b>Ornidazole</b>			
ACI 150700	<b>Ornidazole:</b> 1-Chloro-3-(2-methyl-5-nitro-1H-imidazol-1-yl)propan-2-ol		16773-42-5

Code	Product Name	Structure	CAS No.
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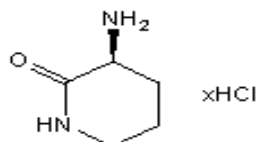
ACI 150701 **Ornidazole Impurity:** 1,2-dihydroxy-3-(2-methyl-5-nitro-1-imidazolyl)propane



62580-80-7

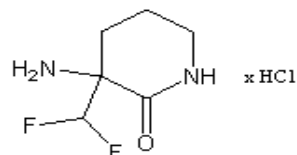
## Ornithine

ACI 151611 **Ornithine Impurity:** (S)-3-Aminopiperidin-2-one Hydrochloride (Ornithine Lactam HCl)



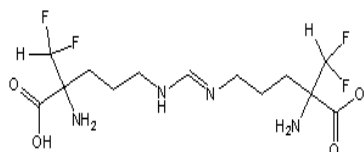
42538-31-8

ACI 151612 **Ornithine Impurity:** Eflornithine Lactam HCl



70470-98-3

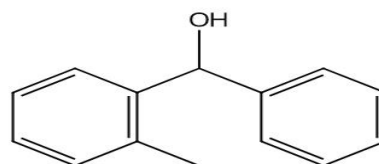
ACI 151613 **Ornithine Impurity:** Amidinium type impurity



n/a

## Orphenadrine

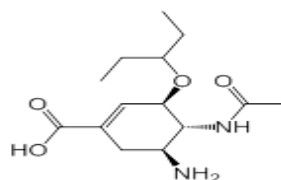
ACI 151901 **Orphenadrine hydrochloride Imp. A (EP):** (RS)-(2-methylphenyl)phenylmethanol (2-methylbenzhydrol)



5472-13-9

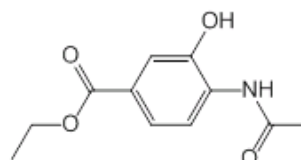
## Oseltamivir

ACI 151803 **Oseltamivir phosphate Imp. C (EP):** (3R,4R,5S)-4-acetamido-5-amino-3-(1-ethylpropoxy)cyclohex-1-ene-1-carboxylic acid

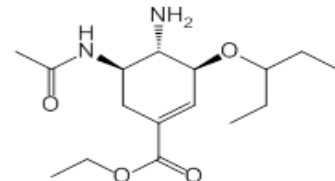
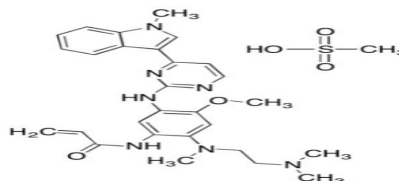
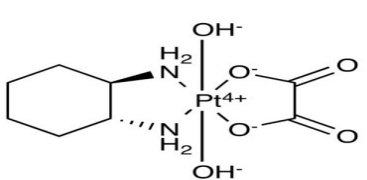
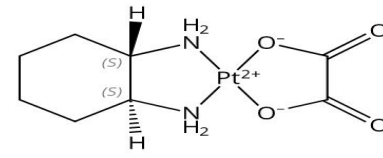
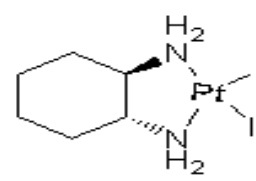
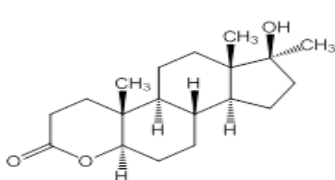
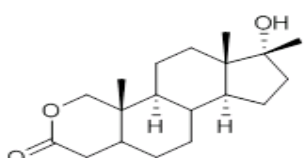


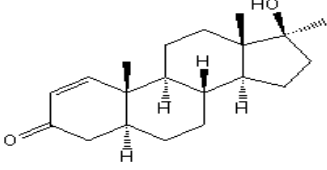
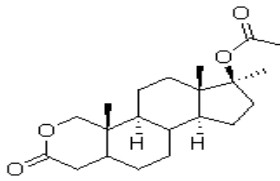
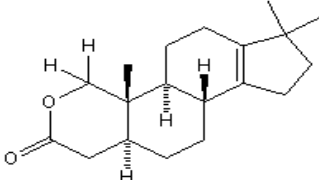
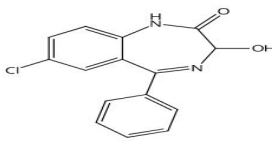
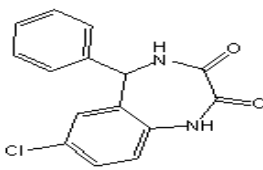
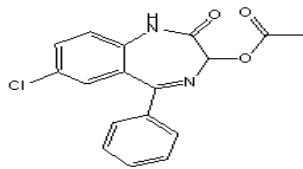
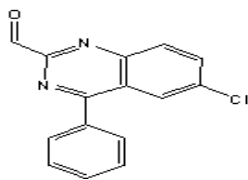
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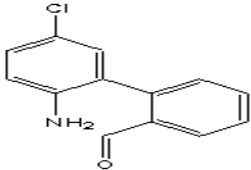
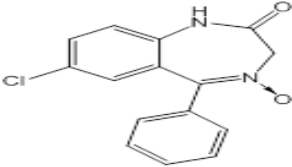
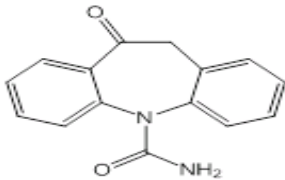
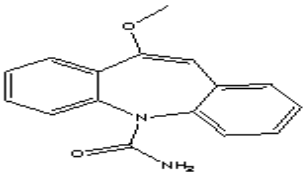
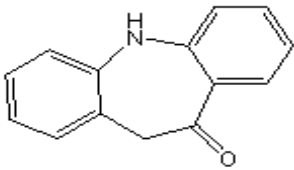
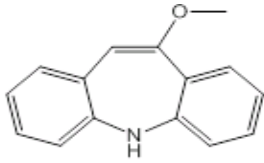
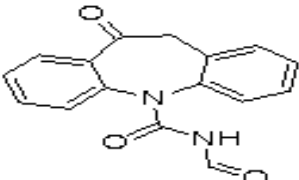
ACI 151804 **Oseltamivir phosphate Imp. D (EP):** Ethyl 4-acetamido-3-hydroxybenzoate



1346604-18-9

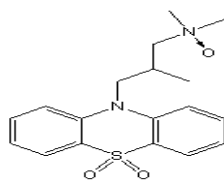
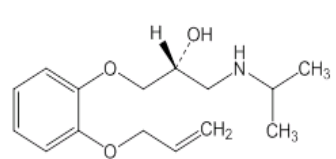
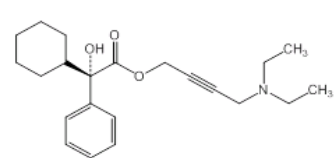
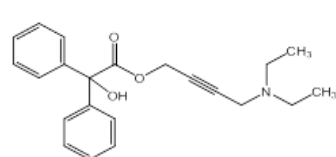
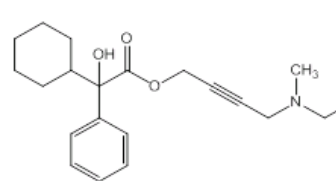
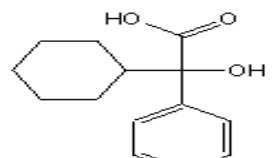
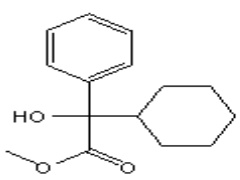
Code	Product Name	Structure	CAS No.
ACI 151807	<b>Oseltamivir phosphate Imp. G (EP):</b> Ethyl (3R,4R,5S)-5-acetamido-4-amino-3-(1-ethylpropoxy)cyclohex-1-ene-1-carboxylate		956267-10-0
<b>Osimertinib</b>			
ACI 152100	<b>Osimertinib Mesylate :</b> N-[2-[[2-(Dimethylamino)ethyl]methylamino]-4-methoxy-5-[[4-(1-methyl-1H-indol-3-yl)-2-pyrimidinyl]amino]phenyl]-2-propenamide, Methanesulfonate (1:1)		1421373-66-1
<b>Oxaliplatin</b>			
ACI 151503	<b>Oxaliplatin Imp. C (EP):</b> Dihydroxy Oxaliplatin-Pt(IV)		111321-67-6
ACI 151504	<b>Oxaliplatin Imp. D (EP):</b> [SP-4-2-(1S-trans)]-(1,2-Cyclohexanediamine-N,N')[ethanedioato(2-)-O,O']platinum		61758-77-8
ACI 151511	<b>Oxaliplatin Impurity:</b> ([SP-4-2-(1R-trans)]-(1,2-cyclohexane diamine-N,N') diiodoplatinum(II))		66845-32-7
<b>Oxandrolone</b>			
ACI 151713	<b>Oxandrolone Impurity:</b> 7-Hydroxy-17-methyl-4-oxa-5-androstan-3-one		4424-45-7
ACI 151716	<b>Oxandrolone Impurity:</b> 17-Hydroxy-17-methyl-2-oxa-5-androstan-3-one(17-epi-Oxandrolone)		26624-15-7

Code	Product Name	Structure	CAS No.
ACI 151717	<b>Oxandrolone Impurity:</b> 17-Hydroxy-17-methyl-5-androst-1-ene-3-one (D1-Mestalone)		65-04-3
ACI 151719	<b>Oxandrolone Impurity:</b> 17-Hydroxy-17-methyl-2-oxa-5-androstan-3-one 17-acetate (Oxandrolone-17-acetate)		n/a
ACI 151720	<b>Oxandrolone Impurity:</b> 17,17-Dimethyl-18-nor-2-oxa-5-androst-13-en-3-one		142793-21-3
<b>Oxazepam</b>			
ACI 151100	<b>Oxazepam:</b> 7-chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one		604-75-1
ACI 151101	<b>Oxazepam Imp. A(EP):</b> (5RS)-7-chloro-5-phenyl -4,5-dihydro-1H-1,4-benzodiazepine-2,3-dione		19554-95-1
ACI 151102	<b>Oxazepam Imp. B(EP):</b> (3RS)-7-chloro-2-oxo-5-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-3-yl acetate		1824-74-4
ACI 151103	<b>Oxazepam Imp. C (EP):</b> 6-chloro-4-phenylquinazoline-2-carbaldehyde		[5958-05-4]

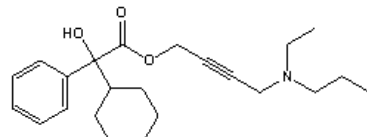
Code	Product Name	Structure	CAS No.
ACI 151104	<b>Oxazepam Imp. D (EP):</b> (2-amino-5-chlorophenyl)phenyl methanone		n/a
ACI 151105	<b>Oxazepam Imp. E (EP):</b> 7-chloro-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one 4-oxide		963-39-3
<b>Oxcarbazepine</b>			
ACI 151400	<b>Oxcarbazepine:</b> 10-Oxo-10,11-dihydro-5H-dibenzo [b,f]azepine-5-carboxamide		28721-07-5
ACI 151402	<b>Oxcarbazepine Imp. B (EP):</b> 10-methoxy-5H-dibenzo [b,f]azepine-5-carboxamide (10-methoxycarbamazepine) o		28721-09-7
ACI 151403	<b>Oxcarbazepine Imp. C (EP):</b> 5,11-dihydro-10H-dibenzo [b,f]azepin-10-one		21737-58-6
ACI 151408	<b>Oxcarbazepine Imp. H (EP):</b> 10-Methoxy-5H-dibenzo [b,f]azepine		[4698-11-7]
ACI 151411	<b>Oxcarbazepine Imp. K (EP):</b> N-Formyl-10-oxo-10,11-dihydro-5H-dibenzo [b,f]azepine-5-carboxamide		1346601-76-0

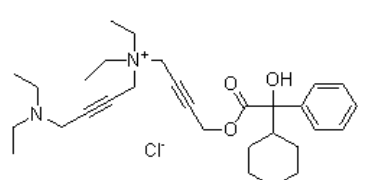
**Oxomemazine**



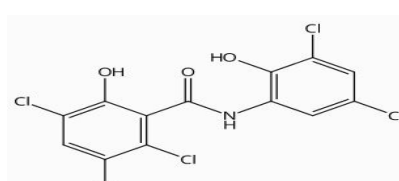
Code	Product Name	Structure	CAS No.
ACI 151211	<b>Oxomemazine Impurity as hydrochloride salt:</b> Oxomemazine monoxide hydrochloride	 x HCl	n/a
<b>Oxprenolol</b>			
ACI 151300	<b>Oxprenolol hydrochloride:</b> (2RS)-1-[(1-methylethyl)amino]-3-[2-(prop-2-enyloxy) phenoxy]propan-2-ol hydrochloride.	 x HCl	6452-73-9
<b>Oxybutynin</b>			
ACI 151000	<b>Oxybutynin Hydrochloride:</b> 4-(Diethylamino)but-2-ynyl (RS)-2-cyclohexyl-2-hydroxy-2-phenylacetate hydrochloride	 x HCl	1508-65-2
ACI 151002	<b>Oxybutynin hydrochloride Imp B (EP) as hydrochloride salt:</b> 4-(Diethylamino)but-2-ynyl-2-hydroxy-2,2-diphenyl acetate hydrochloride	 x HCl	14943-53-4
ACI 151003	<b>Oxybutynin hydrochloride Imp C (EP):</b> 4-(ethylmethylamino) but-2-ynyl (RS)-2-cyclohexyl-2-hydroxy-2-phenylacetate (methylethyl analogue of oxybutynin),		1199574-70-3
ACI 151004	<b>Oxybutynin hydrochloride Imp D (EP):</b> (RS)-2-cyclohexyl-2-hydroxy-2-phenylacetic acid		4335-77-7
ACI 151005	<b>Oxybutynin hydrochloride Impurity:</b> Methyl ester of cyclohexylmandelic acid		10399-13-0

Code	Product Name	Structure	CAS No.
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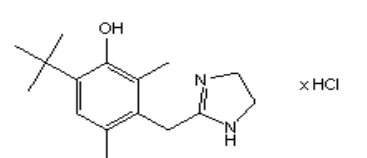
ACI 151006	<b>Oxybutynin hydrochloride Imp E (EP):</b> 4-(Ethylpropylamino)but-2-ynyl (RS)-2-cyclohexyl-2-hydroxy-2-phenylacetate		1215677-72-7
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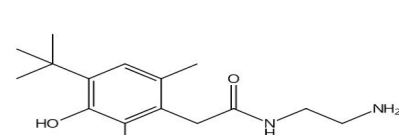
ACI 151011	<b>Oxybutynin hydrochloride Impurity:</b> 4-(2-Cyclohexyl-2-hydroxy-2-phenylacetyl)oxybut-2-ynyl-[4-(diethylamino)but-2-ynyl]diethyl ammonium Chloride		n/a
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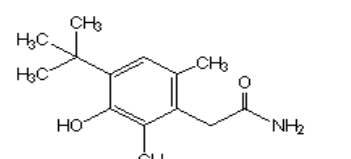
## Oxyclozanide

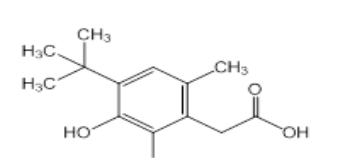
ACI 152600	<b>Oxyclozanide :</b> 3,3',5,5',6-Pentachloro-2'-hydroxysalicylanilide;2,3,5-Trichloro-N-(3,5-dichloro-2-hydroxyphenyl)-6-hydroxybenzamide		2277-92-1
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## Oxymetazoline

ACI 150900	<b>Oxymetazoline hydrochloride:</b> 3-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-6-(1,1-dimethylethyl)-2,4-dimethylphenol hydrochloride		[2315-02-8]
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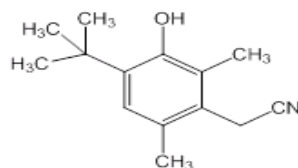
ACI 150901	<b>Oxymetazoline hydrochloride Imp. A (EP):</b> N-(2-aminoethyl)-2-[4-(1,1-dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]acetamide		1391194-44-7
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ACI 150903	<b>Oxymetazoline hydrochloride Imp. C (EP):</b> 2-[4-(1,1-dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]acetamide		55699-13-3
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ACI 150904	<b>Oxymetazoline hydrochloride Imp. D (EP):</b> 2-[4-(1,1-dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]acetic acid		55699-12-2
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Code	Product Name	Structure	CAS No.
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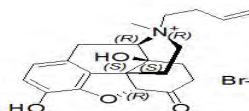
ACI 150905 **Oxymetazoline hydrochloride Imp. E (EP):** 2-[4-(1,1-dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]acetonitrile



55699-10-0

## Oxymorphone

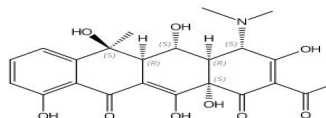
ACI 143628 **Oxymorphone butenylbromide:** N-Methyl N-(3-Butenyl) Noroxymorphone Bromide



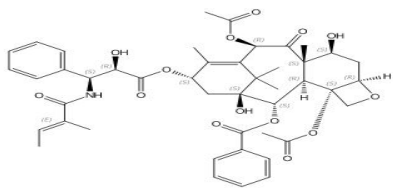
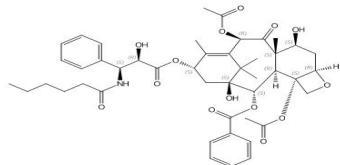
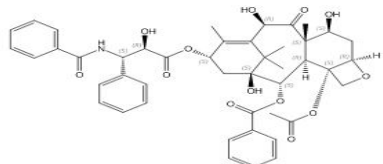
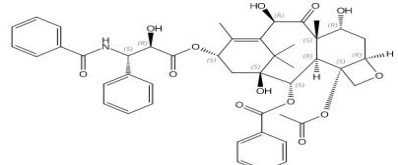
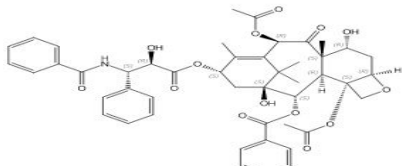
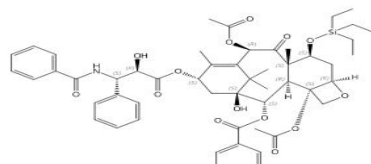
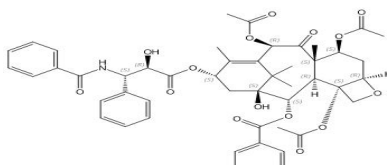
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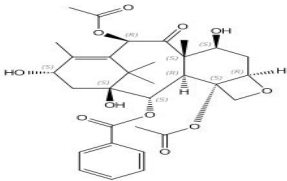
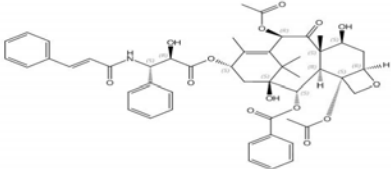
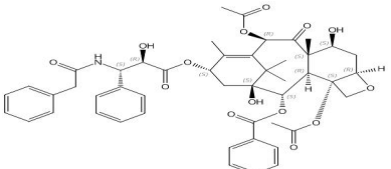
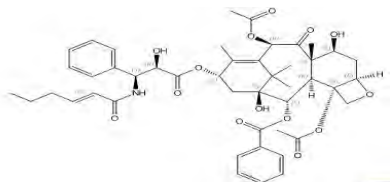
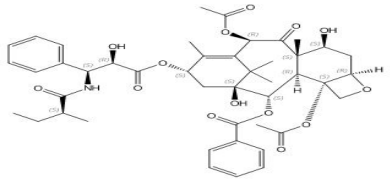
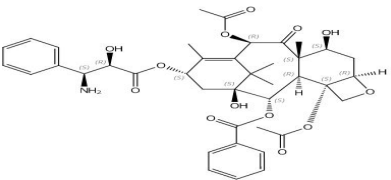
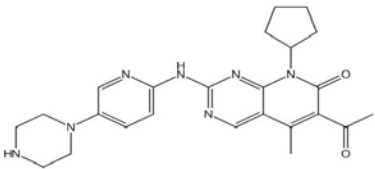
## Oxytetracycline

ACI 152703 **Oxytetracycline hydrochloride Imp.C(EP):** (4S,4aR,5S,5aR,6S,12aS)-2-acetyl-4-(dimethylamino)-3,5,6,10,12,12a-hexahydroxy-6-methyl-4a,5a,6,12a-tetrahydrotetracene-1,11(4H,5H)-dione (2-acetyl-2-decarbamoxyloxytetracycline)



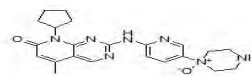
7647-65-6

Code	Product Name	Structure	CAS No.
<b>Paclitaxel</b>			
ACI 162202	<b>Paclitaxel Imp. B (EP):</b> N-debenzoyl-N-tigloylpaclitaxel (cephalomannine)		71610-00-9
ACI 162203	<b>Paclitaxel Imp. C (EP):</b> N-debenzoyl-N-hexanoylpaclitaxel		153415-45-3
ACI 162207	<b>Paclitaxel Imp. G (EP):</b> 10-O-deacetylpaclitaxel		78432-77-6
ACI 162208	<b>Paclitaxel Imp. H (EP):</b> 10-O-deacetyl-7-epi-paclitaxel		78454-17-8
ACI 162209	<b>Paclitaxel Imp. I (EP):</b> 10-O-[(2R,3S)-3-(benzoylamino)-2-hydroxy-3-phenylpropanoyl]-10-O-deacetylpaclitaxel		105454-04-4
ACI 162211	<b>Paclitaxel Imp. K (EP):</b> 7-O-(triethylsilyanyl)paclitaxel		148930-55-6
ACI 162212	<b>Paclitaxel Imp. L (EP):</b> 7-O-acetylpaclitaxel		92950-39-5

Code	Product Name	Structure	CAS No.
ACI 162214	<b>Paclitaxel Imp. N (EP):</b> 13-O-de[(2R,3S)-3-(benzoylamino)-2-hydroxy-3-phenyl propanoyl]paclitaxel		27548-93-2
ACI 162215	<b>Paclitaxel Imp. O (EP):</b> N-cinnamoyl-N-debenzoyl paclitaxel		182946-93-6
ACI 162216	<b>Paclitaxel Imp. P (EP):</b> N-debenzoyl-N-(phenylacetyl)paclitaxel		173101-56-9
ACI 162217	<b>Paclitaxel Imp. Q (EP):</b> N-debenzoyl-N-[(3E)-hex-3-enoyl]paclitaxel		502626-06-4
ACI 162218	<b>Paclitaxel Imp. R (EP):</b> N-debenzoyl-N-[(2S)-2-methylbutanoyl]paclitaxel		158948-96-0
ACI 162231	<b>Paclitaxel Impurity:</b> 3'-N-Debenzoylpaclitaxel		133524-70-6
<b>Palbociclib</b>			
ACI 167900	<b>Palbociclib:</b> 6-Acetyl-8-cyclopentyl-5-methyl-2-((5-(1-piperazinyl)-2-pyridinyl)amino)pyrido[2,3-d]pyridin-7(8H)-one		571190-30-2

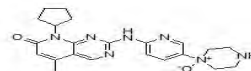
Code	Product Name	Structure	CAS No.
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ACI 167914 **Palbociclib Des Acetyl N-Oxide:** 1-(6-((8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl)amino)pyridin-3-yl)piperazine 1-oxide



NA

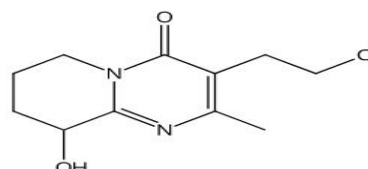
ACI-167914 **Palbociclib Des Acetyl N-Oxide:** 1-(6-((8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl)amino)pyridin-3-yl)piperazine 1-oxide



NA

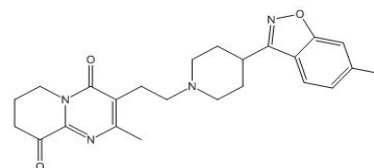
## Paliperidone

ACI 162002 **Paliperidone Impurity:** (3-(2-Chloroethyl)-9-hydroxy-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-alpha]pyrimidin-4-one)



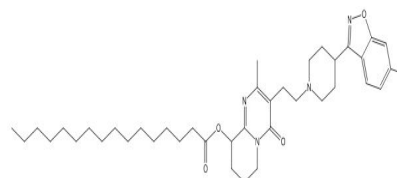
130049-82-0

ACI 162003 **Paliperidone Impurity:** 3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]ethyl]-7,8-dihydro-2-methyl-4H-pyrido[1,2-a]pyrimidine-4,9(6H)-dione (9-Keto Risperidone)



1189516-65-1

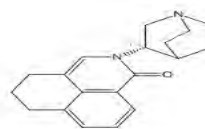
ACI 162004 **Paliperidone Impurity:** 3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-2-methyl-4-oxo-4H-pyrido[1,2-a]pyrimidin-9-yl Ester



199739-10-1

## Palonosetron

ACI 164111 **Palonosetron Hydrochloride Impurity as hydrochloride:** 2-[(3S)-1-Azabicyclo[2.2.2]oct-3-yl] 2,4,5,6-tetrahydro-1H-benzo[de]isoquinolin-1-one hydrochloride

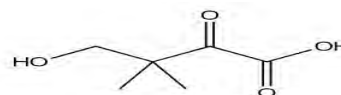


• HCl

135729-55-4

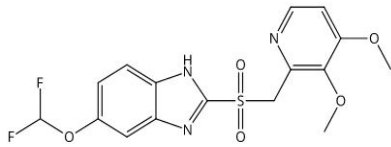
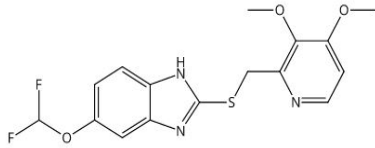
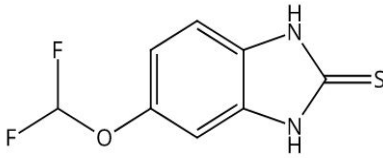
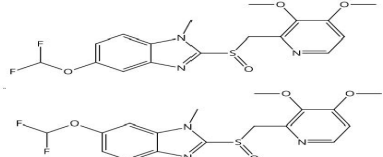
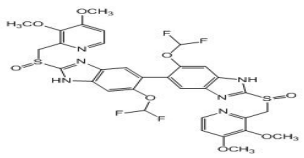
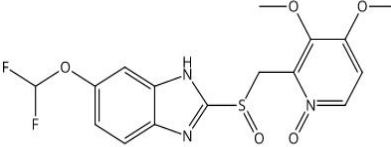
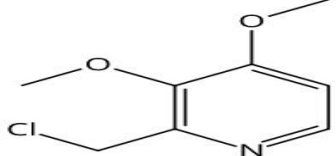
## Pantethenol

ACI 164411 **Pantethenol Impurity as sodium salt:** 4-Hydroxy-3,3-dimethyl-2-oxobutanoic acid sodium salt

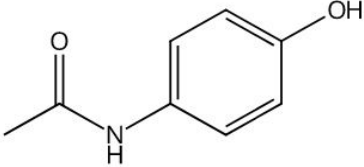
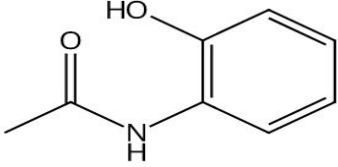
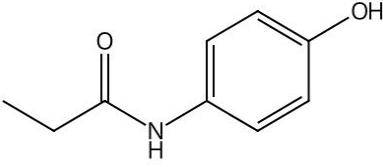
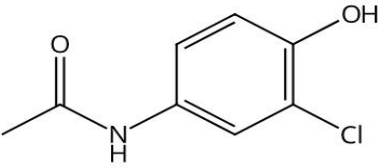
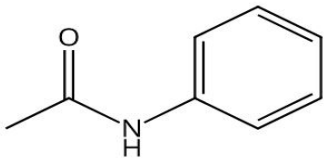
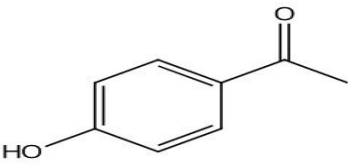
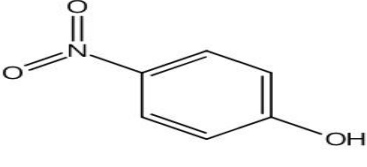


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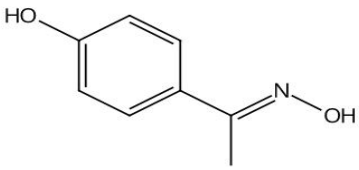
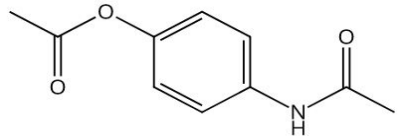
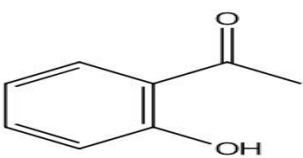
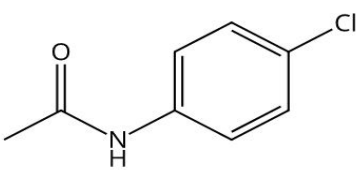
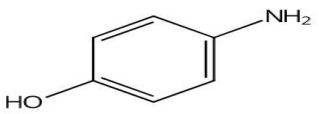
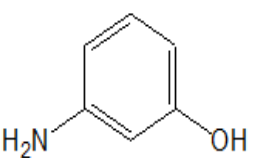
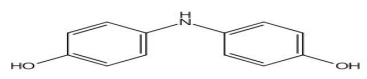
89444-19-9

Code	Product Name	Structure	CAS No.
<b>Pantoprazole</b>			
ACI 160501	<b>Pantoprazole sodium sesquihydrate Imp. A (EP):</b> 5-(difluoromethoxy)-2-[[[3,4-dimethoxypyridin-2-yl)methyl]sulfonyl]-1H-benzimidazole		127780-16-9
ACI 160502	<b>Pantoprazole sodium sesquihydrate Imp. B (EP):</b> 5-(Difluoromethoxy)-2-[[[3,4-dimethoxypyridin-2-yl)methyl]sulphonyl]-1H-benzimidazole		102625-64-9
ACI 160503	<b>Pantoprazole sodium sesquihydrate Imp. C (EP):</b> 5-(difluoromethoxy)-1H-benzimidazole-2-thiol		97963-62-7
ACI 160504	<b>Pantoprazole sodium sesquihydrate Imp. D &amp; F (EP):</b> 5 (or 6)-(difluoromethoxy)-2-[(RS)-[(3,4-dimethoxypyridin-2-yl)methyl]sulfinyl]-1-methyl-1H-benzimidazole		624742-53-6 &721924-06-7
ACI 160505	<b>Pantoprazole sodium sesquihydrate Imp. E (EP):</b> mixture of the stereoisomers of 6,6'-bis(difluoromethoxy)-2,2'-bis[[[3,4-dimethoxypyridin-2-yl)methyl]sulfinyl]-1H,1'H-5,5'-bibenzimidazolyl		NA
ACI 160511	<b>Pantoprazole sodium sesquihydrate Impurity:</b> Pantoprazole N-oxide		953787-60-5
ACI 160512	<b>Pantoprazole sodium sesquihydrate Impurity:</b> 2-(chloromethyl)-3,4-dimethoxypyridine		169905-10-6

**Paracetamol**

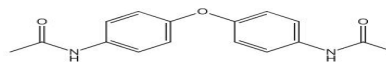
Code	Product Name	Structure	CAS No.
ACI 160200	<b>Paracetamol:</b> N-(4-hydroxyphenyl)acetamide		103-90-2
ACI 160201	<b>Paracetamol Imp. A (EP):</b> N-(2-hydroxyphenyl)acetamide		614-80-2
ACI 160202	<b>Paracetamol Imp. B (EP):</b> N-(4-Hydroxyphenyl)propanamide		1693-37-4
ACI 160203	<b>Paracetamol Imp. C (EP):</b> N-(3-Chloro-4-hydroxyphenyl)acetamide		3964-54-3
ACI 160204	<b>Paracetamol Imp. D (EP):</b> N-phenylacetamide		103-84-4
ACI 160205	<b>Paracetamol Imp. E (EP):</b> 1-(4-hydroxyphenyl)ethanone		99-93-4
ACI 160206	<b>Paracetamol Imp. F (EP):</b> 4-Nitrophenol		100-02-7



Code	Product Name	Structure	CAS No.
ACI 160207	<b>Paracetamol Imp. G (EP):</b> -(4-hydroxyphenyl)ethanone oxime		34523-34-7
ACI 160208	<b>Paracetamol Imp. H (EP):</b> 4-(Acetylamino)phenylacetate		2623-33-8
ACI 160209	<b>Paracetamol Imp. I (EP):</b> 1-(2-Hydroxyphenyl)ethanone		118-93-4
ACI 160210	<b>Paracetamol Imp. J (EP):</b> N-(4-Chlorophenyl)acetamide		539-03-7
ACI 160211	<b>Paracetamol Imp. K (EP):</b> 4-Aminophenol		123-30-8
ACI 160212	<b>Paracetamol Impurity:</b> 3-Aminophenol		591-27-5
ACI 160213	<b>Paracetamol Imp. M (EP):</b> 4,4'-azanediyldiphenol		1752-24-5

Code	Product Name	Structure	CAS No.
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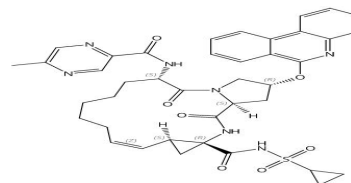
ACI 160214 **Paracetamol Imp. N (EP)** : N,N'-[oxydi(4,1-phenylene)]diacetamide



3070-86-8

## Paritaprevir

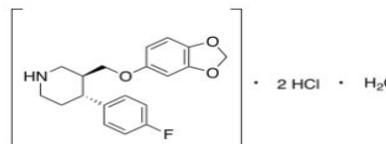
ACI 166500 **Paritaprevir**: Cyclopropa[e]pyrrolo[1,2-a][1,4]diazacyclopentadecine-14a(5H)-carboxamide, N-(cyclopropylsulfonyl)-1,2,3,6,7,8,9,10,11,13a,14,15,16,16a-tetradecahydro-6-[[[5-methyl-2-pyrazinyl)carbonyl]amino]-5,16-dioxo-2-(6-phenanthridinyloxy)-, (2R,6S,12Z,13aS,14aR,16aS)-



1216941-48-8

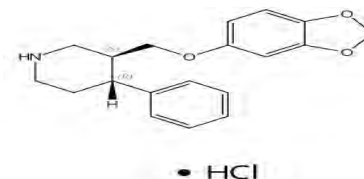
## Paroxetine

ACI 160100 **Paroxetine Hydrochloride hemihydrate**: (3S,4R)-3-[(1,3-Benzodioxol-5-yloxy)methyl]-4-(4-fluorophenyl)piperidine hydrochloride hemihydrate



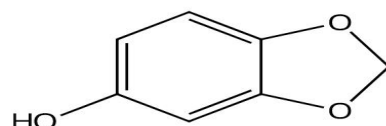
110429-35-1

ACI 160101 **Paroxetine Hydrochloride Imp A (EP) as Hydrochloride**: (3S,4R)-3-[(1,3-Benzodioxol-5-yloxy)methyl]-4-phenyl piperidine Hydrochloride



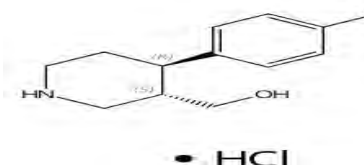
1394842-91-1

ACI 160102 **Paroxetine Hydrochloride Imp B (EP)**: 1,3-benzodioxol-5-ol



533-31-3

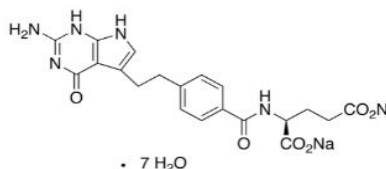
ACI 160109 **Paroxetine Hydrochloride Imp I (EP) as hydrochloride**: [(3S,4R)-4-(4-fluorophenyl)piperidin-3-yl]methanol hydrochloride



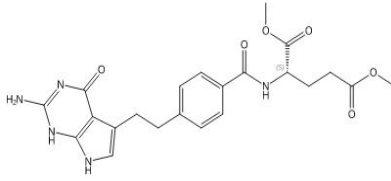
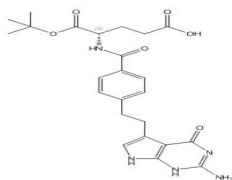
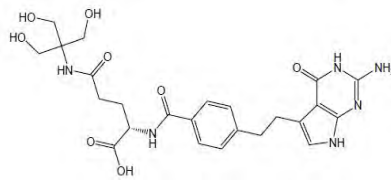
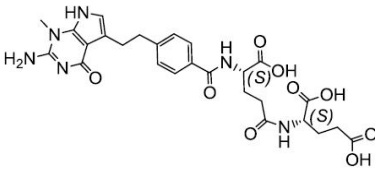
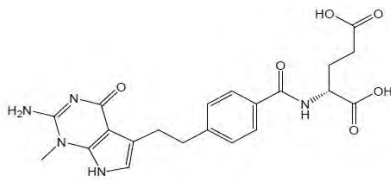
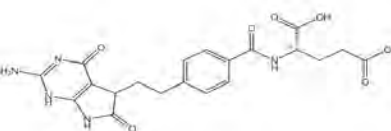
220548-73-2

## Pemetrexed

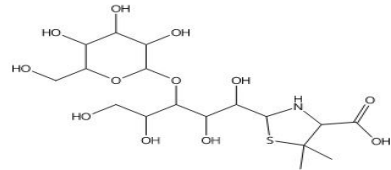
ACI 160800 **Pemetrexed Disodium Heptahydrate**: N-[4-[2-(2-amino-4,7-dihydro-4-oxo-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]- L-Glutamic acid disodium salt, heptahydrate

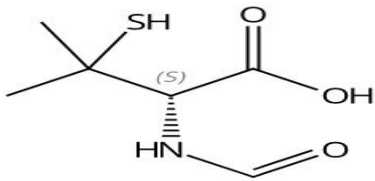
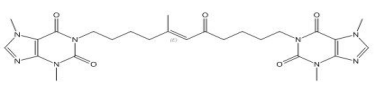
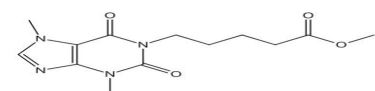
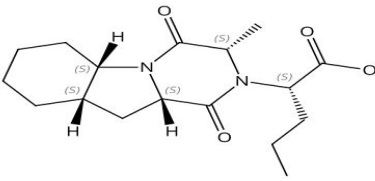
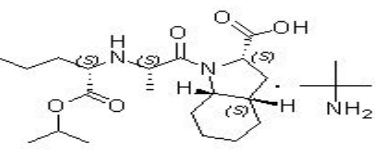
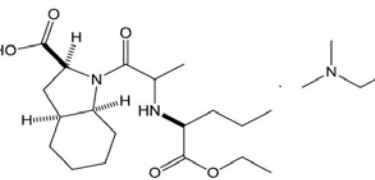
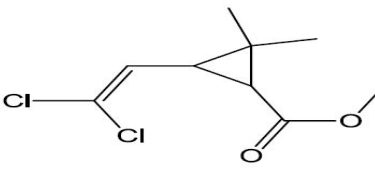


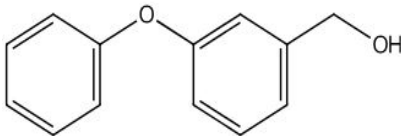
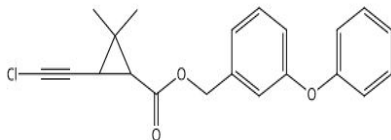
357166-29-1

Code	Product Name	Structure	CAS No.
ACI 160801	<b>Pemetrexed Derivative:</b> L-Glutamic acid, N-[4-[2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]-, 1-methyl ester		155405-81-5
ACI 160802	<b>Pemetrexed Derivative:</b> L-Glutamic acid, N-[4-[2-(2-amino-4,7-dihydro-4-oxo-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]-, 1-(1,1-dimethylethyl) ester		204257-70-5
ACI 160811	<b>Pemetrexed Impurity:</b> N2-(4-(2-(2-amino-4-oxo-4,7-dihydro-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzoyl)-N5-(1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)glutamine		n/a
ACI 160812	<b>Pemetrexed Impurity:</b> {4-[2-(2-Amino-1-methyl-4-oxo-4,7-dihydro-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl] benzoyl}-4-L-glutamyl-L-glutamic acid (Pemetrexed Glutamide Impurity)		n/a
ACI 160813	<b>Pemetrexed Imp. A (EP):</b> (2S)-2-[[4-[2-(2-amino-1-methyl-4-oxo-4,7-dihydro-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]amino]-pentanedioic acid		NA
ACI 160814	<b>Pemetrexed Keto impurity:</b> (2S)-2-(4-(2-(2-amino-4,6-dioxo-4,5,6,7-tetrahydro-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzamido)pentanedioic acid		193281-00-4

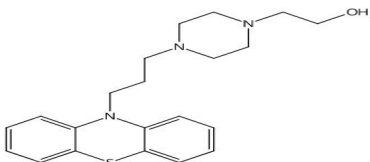
## Penicillamine

ACI 167103	<b>Penicillamine impurity:</b> [5,5-dimethyl-2-(1,2,4,5-tetrahydroxy-3-((2S,3R,4S,5R,,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yloxy)pentyl)thiazolidine-4-carboxylic acid. (Penicillamine lactose adduct)		139614-14-5
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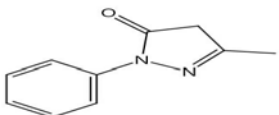
Code	Product Name	Structure	CAS No.
ACI 167104	<b>Penicillamine impurity:</b> N-Formyl-3-mercaptovaline (Formyl Penicillamine)		13833-89-1
<b>Pentoxifylline</b>			
ACI 168510	<b>Pentoxifylline Imp.J(EP):</b> 1-[(5E)-11-(3,7-dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-1-yl)-5-methyl-7-oxoundec-5-enyl]-3,7-dimethyl-3,7-dihydro-1H-purine-2,6-dione		874747-30-5
ACI 168516	<b>Pentoxifylline Pentanoate impurity:</b> Methyl 5-(3,7-dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-1-yl)pentanoate		74857-33-3
<b>Perindopril</b>			
ACI 166403	<b>Perindopril tert-butylamine imp. C (EP):</b> (2S)-2-[(3S,5aS,9aS,10aS)-3-methyl-1,4-dioxodecahydropyrazino[1,2-a]indol-2(1H)-yl]pentanoic acid		129970-99-6
ACI 166405	<b>Perindopril tert-butylamine Imp. E (EP) :</b> ((2S,3aS,7aS)-1-((S)-2-[(S)-1-isopropoxy-1-oxopentan-2-ylamino]propanoyl)octahydro-1H-indole-2-carboxylic acid, tert-butylamine salt		[1356837-89-2]Free acid
ACI 166431	<b>Perindopril tert-butylamine Impurity:</b> N,N-dimethyl ethanamine (2S,3aS,7aS)-1-[(2S)-2-[[[(1S)-1-(Ethoxycarbonyl)butyl]amino]-1-oxopropyl]octahydro-1H-indole-2-carboxylate		n/a
<b>Permethrin</b>			
ACI 167002	<b>Permethrin (25:75) Imp. B (EP)::</b> 75) Imp. B (EP): Methyl (1RS,2RS)-2-(2,2-dichloroethenyl)-3,3-dimethylcyclopropane-1-carboxylate		n/a

Code	Product Name	Structure	CAS No.
ACI 167003	<b>Permethrin (25:75) Imp. C (EP)::</b> (3-phenoxyphenyl) methanol		13826-35-2
ACI 167007	<b>Permethrin Imp. G (EP):</b> 3-(phenoxyphenyl)methyl (1RS,2RS)-2-(chloroethynyl)-3,3-dimethylcyclopropane- 1-carboxylate		64964-54-1

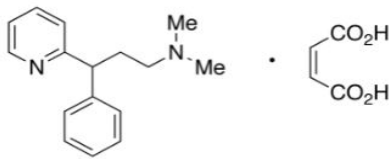
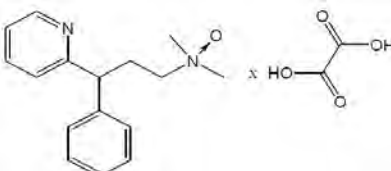
## Perphenazine

ACI 164711	<b>Perphenazine Impurity:</b> (2-{4-[3-(10H-phenothiazin-10-yl)propyl]piperazin-1-yl}ethanol)		3533-97-9
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## Phenazone

ACI 163501	<b>Phenazone Imp A(EP):</b> 5-methyl-2-phenyl-2,4-dihydro-3H-pyrazol-3-one(Edaravone)		89-25-8
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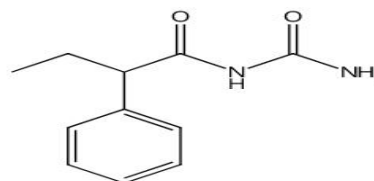
## Pheniramine

ACI 161400	<b>Pheniramine Maleate:</b> (3RS)-N,N-Dimethyl-3-phenyl-3-(pyridin-2-yl)propan-1-amine (Z)-butenedioate		132-20-7
ACI 161411	<b>Pheniramine maleate Impurity as oxalate salt:</b> Pheniramine N-oxide oxalate		n/a

## Phenobarbital

Code	Product Name	Structure	CAS No.
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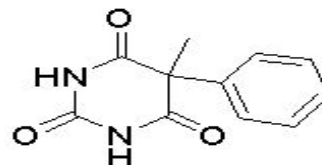
ACI 162811 **Phenobarbital Impurity: (2-Phenyl-2-Ethyl)-Acetyl-Urea (2-Phenyl-Butyryl-Urea)**



90-49-3

## Phenobarbital

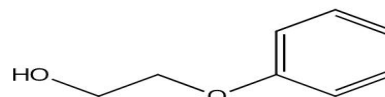
ACI 162803 **Phenobarbital Imp. C (EP): 5-methyl-5-phenylpyrimidine-2,4,6(1H,3H,5H)-trione**



n/a

## Phenoxyethanol

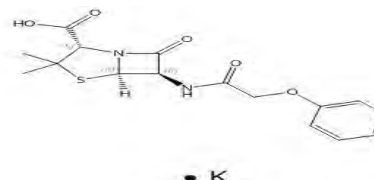
ACI 166600 **Phenoxyethanol: 2-Phenoxyethanol**



122-99-6

## Phenoxyethyl

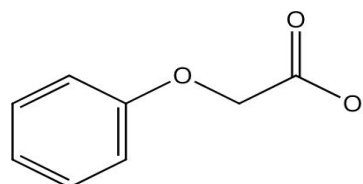
ACI 163300 **Phenoxyethyl penicillin potassium (Procaine penicillin impurity): 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-(2-phenoxyacetamido)-, monopotassium salt**



132-98-9

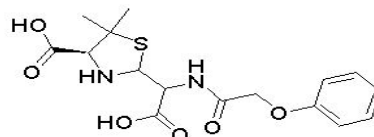
## Phenoxyethylpenicillin

ACI 163302 **Phenoxyethylpenicillin potassium Imp. B (EP): Phenoxyacetic acid**

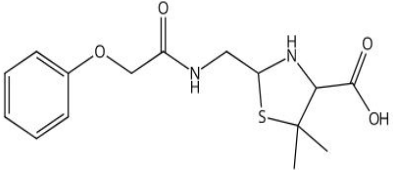
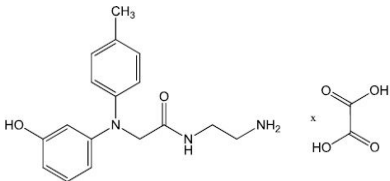
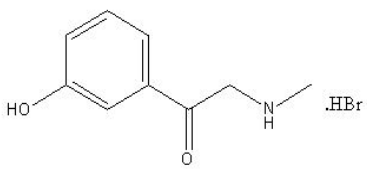
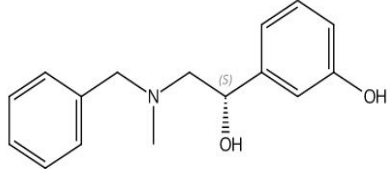
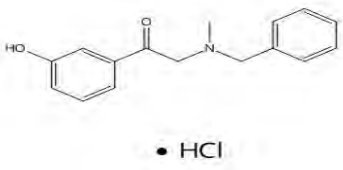
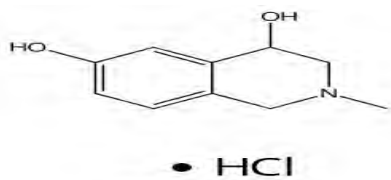
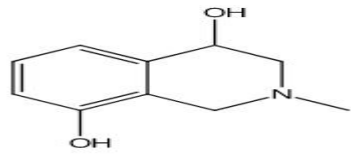


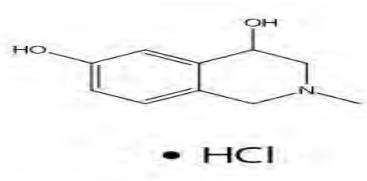
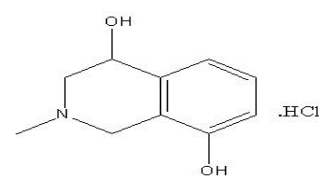
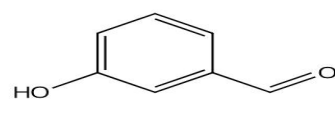
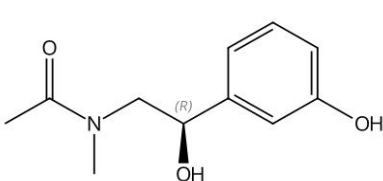
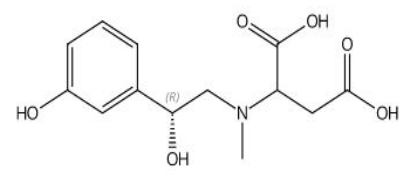
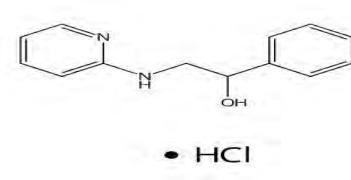
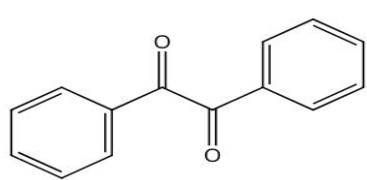
122-59-8

ACI 163305 **Phenoxyethylpenicillin potassium Imp. E (EP): (4S)-2-[carboxy[(phenoxyacetyl)amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid**

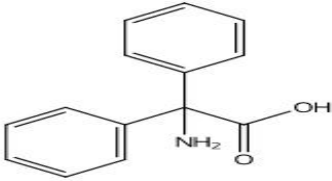
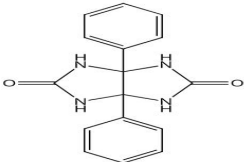
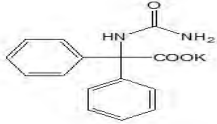
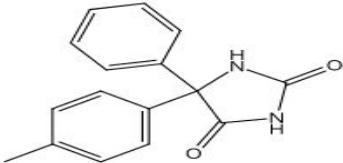
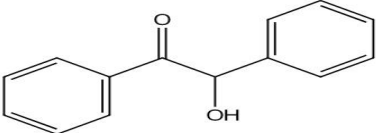


n/a

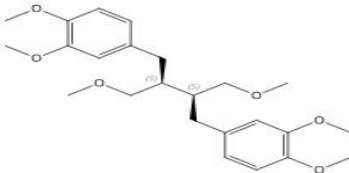
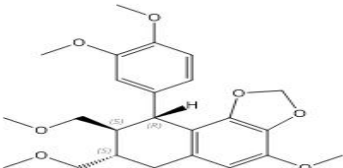
Code	Product Name	Structure	CAS No.
ACI 163306	<b>Phenoxymethylpenicillin potassium Imp. F (EP):</b> (2R,4S)-5,5-dimethyl-2-[[[(phenoxyacetyl)amino]methyl]thiazolidine-4-carboxylic acid		4847-29-4
<b>Phentolamine</b>			
ACI 161901	<b>Phentolamine mesilate Imp. A (EP) as oxalate:</b> N-(2-aminoethyl)-2-[(3-hydroxyphenyl)(4-methylphenyl)amino]acetamide oxalate		n/a
<b>Phenylephrine</b>			
ACI 160403	<b>Phenylephrine Hydrochloride Imp. C (EP) as hydrobromide:</b> 1-(3-hydroxyphenyl)-2-(methylamino)ethanone hydrobromide		n/a
ACI 160404	<b>Phenylephrine Hydrochloride Imp. D (EP):</b> (1R)-2-(benzylmethylamino)-1-(3-hydroxyphenyl)ethanol		286426-31-1
ACI 160405	<b>Phenylephrine Hydrochloride Imp. E (EP) as hydrochloride:</b> 2-(benzylmethylamino)-1-(3-hydroxyphenyl)ethanone hydrochloride		71786-67-9
ACI 160411	<b>Phenylephrine Hydrochloride Impurity:</b> 1,2,3,4-Tetrahydro-4,6-dihydroxy-2-methyl-isoquinoline hydrochloride		57196-61-9
ACI 160412	<b>Phenylephrine Hydrochloride Impurity:</b> 1,2,3,4-Tetrahydro-4,8-dihydroxy-2-methylisoquinoline		23824-25-1

Code	Product Name	Structure	CAS No.
ACI 160413	<b>Phenylephrine Hydrochloride Impurity as hydrochloride:</b> 1,2,3,4-Tetrahydro-4,6-dihydroxy-2-methyl-isoquinoline hydrochloride		57196-61-9
ACI 160414	<b>Phenylephrine Hydrochloride Impurity as hydrochloride:</b> 1,2,3,4-Tetrahydro-4,8-dihydroxy-2-methyl-isoquinoline hydrochloride		n/a
ACI 160415	<b>Phenylephrine Hydrochloride Impurity:</b> 3-Hydroxybenzaldehyde		100-83-4
ACI 160416	<b>Phenylephrine Hydrochloride Impurity:</b> (R)-N-(2-Hydroxy-2-(3-hydroxyphenyl)ethyl)-N-methylglycine		58952-80-0
ACI 160419	<b>Phenylephrine Hydrochloride Impurity:</b> 2-[[[(2R)-2-Hydroxy-2-(3-hydroxyphenyl)ethyl]-N-methylamino]succinic Acid		915278-80-7
<b>Phenylramidol</b>			
ACI 169200	<b>Phenylramidol Hydrochloride:</b> 1-Phenyl-2-(pyridin-2-ylamino)ethanol hydrochloride		326-43-2
<b>Phenytoin</b>			
ACI 161302	<b>Phenytoin Imp. B (EP):</b> diphenylethanedione		134-81-6

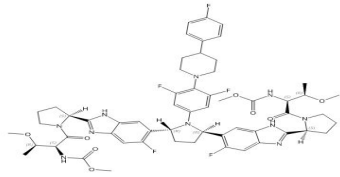
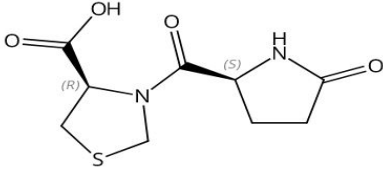
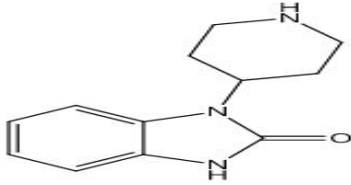
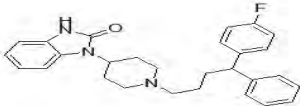
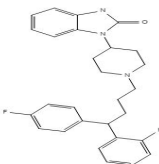
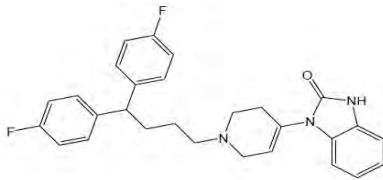
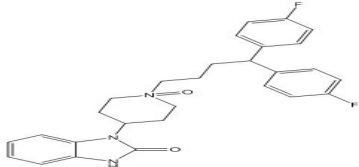


Code	Product Name	Structure	CAS No.
ACI 161303	<b>Phenytoin Imp. C (EP):</b> 2,2-Diphenylglycine		3060-50-2
ACI 161304	<b>Phenytoin Imp. D (EP):</b> 3a,6a-diphenyltetrahydroimidazo [4,5-d]imidazole-2,5(1H,3H)-dione		5157-15-3
ACI 161305	<b>Phenytoin Imp. E (EP) as potassium salt:</b> Potassium (carbamoylamino)(diphenyl)acetate		NA
ACI 161306	<b>Phenytoin Imp. F (EP):</b> 5-(4-methylphenyl)-5-phenylimidazolidine-2,4-dione		51169-17-6
ACI 161311	<b>Phenytoin Impurity:</b> Benzoin		119-53-9

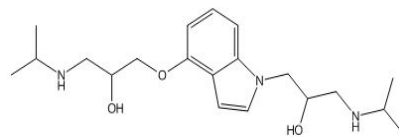
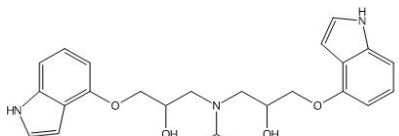
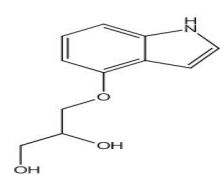
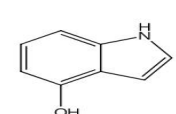
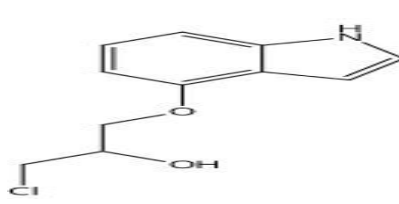
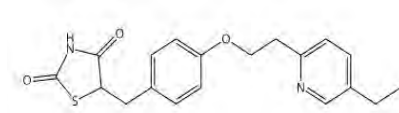
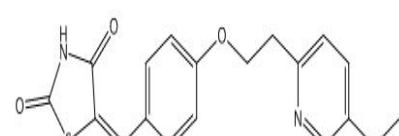
## Phyllanthus

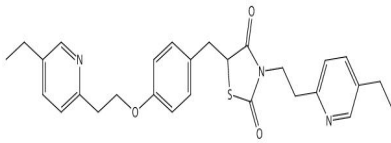
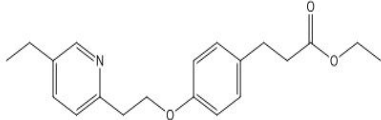
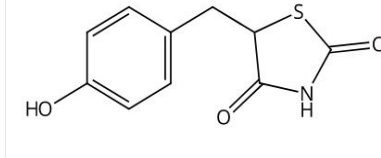
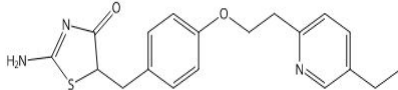
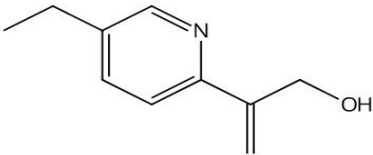
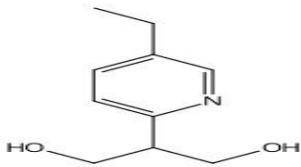
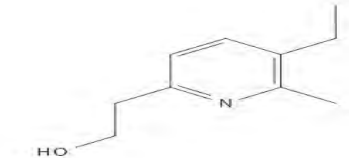
ACI 161201	<b>Phyllanthus niruri:</b> Phyllanthin		10351-88-9
ACI 161202	<b>Phyllanthus niruri:</b> Hypophyllanthin		33676-00-5

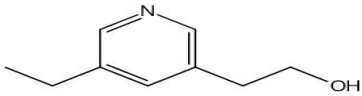
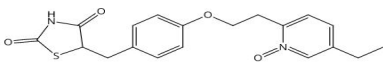
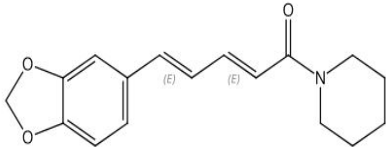
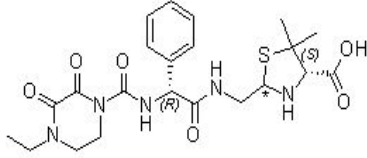
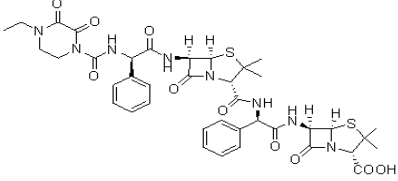
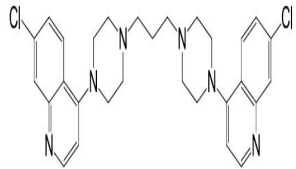
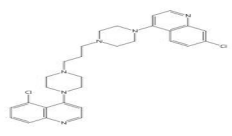
## Pibrentasvir

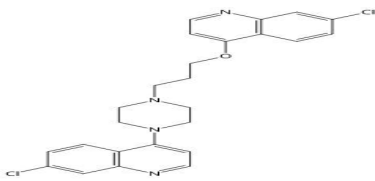
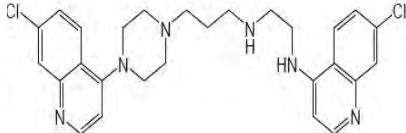
Code	Product Name	Structure	CAS No.
ACI 168800	<b>Pibrentasvir:</b> N,N'-[[[(2R,5R)-1-[3,5-difluoro-4-[4-(4-fluorophenyl)-1-piperidinyl]phenyl]-2,5-pyrrolidinediyl]bis[(6-fluoro-1H-benzimidazole-5,2-diyl)-(2S)-2,1-pyrrolidinediyl][(1S)-1-[(1R)-1-methoxyethyl]-2-oxo-2,1-ethanediy]]]bis-Carbamic acid C,C'-dimethyl ester		1353900-92-1
<b>Pidotimod</b>			
ACI 174000	<b>Pidotimod :</b> (4R)-3-[[[(2S)-5-oxo-2-pyrrolidiny]carbonyl]- 4-Thiazolidinecarboxylic acid		121808-62-6
<b>Pimozide</b>			
ACI 162101	<b>Pimozide Imp. A (EP):</b> 1-(piperidin-4-yl)-1,3-dihydro-2H-benzimidazol-2-one		20662-53-7
ACI 162102	<b>Pimozide Imp. B (EP):</b> 1-[1-[(4RS)-4-(4-fluorophenyl)-4-phenylbutyl]piperidin-4-yl]-1,3-dihydro-2H-benzimidazol-2-one		1997-93-9
ACI 162103	<b>Pimozide Imp. C (EP):</b> 1-[1-[(4RS)-4-(2-fluorophenyl)-4-(4-fluorophenyl)butyl]piperidin-4-yl]-1,3-dihydro-2H-benzimidazol-2-one		NA
ACI 162104	<b>Pimozide Imp. D (EP):</b> 1-[1-[4,4-bis(4-fluorophenyl)butyl]-1,2,3,6-tetrahydropyridin-4-yl]-1,3-dihydro-2H-benzimidazol-2-one		NA
ACI 162105	<b>Pimozide Imp. E (EP):</b> 1-[1-[4,4-bis(4-fluorophenyl)butyl]piperidin-4-yl 1-oxide]-1,3-dihydro-2H-benzimidazol-2-one		1083078-88-9

## Pindolol

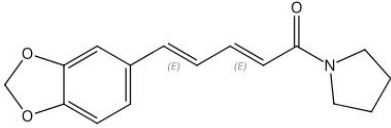
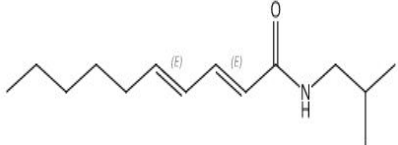
Code	Product Name	Structure	CAS No.
ACI 162902	<b>Pindolol Imp.B (EP):</b> 1-[4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]-1H-indol-1-yl]-3-[(1-ethylethyl)amino]propan-2-ol		130115-63-8
ACI 162903	<b>Pindolol Imp.C (EP):</b> 1,1'-[[1-(1-methylethyl)imino]bis[3-(1H-indol-4-yloxy)propan-2-ol]		130115-65-0
ACI 162904	<b>Pindolol Imp. D (EP):</b> (2RS)-3-(1H-indol-4-yloxy)propane-1,2-diol		61212-32-6
ACI 162905	<b>Pindolol Imp. E (EP):</b> 1H-indol-4-ol		2380-94-1
ACI 162906	<b>Pindolol Imp. F (EP):</b> (2RS)-1-chloro-3-(1H-indol-4-yloxy)propan-2-ol		130115-66-1
<b>Pioglitazone</b>			
ACI 160700	<b>Pioglitazone Hydrochloride:</b> (5RS)-5-[[4-[2-(5-Ethylpyridin-2-yl)ethoxy]phenyl]methyl]thiazolidine-2,4-dione hydrochloride.	 • HCl	112529-15-4
ACI 160702	<b>Pioglitazone Hydrochloride Imp. B (Pharmeuropa):</b> 5-[4-[2-(5-Ethylpyridin-2-yl)ethoxy]benzylidene]-1,3-thiazolidine-2,4-dione		144809-28-9

Code	Product Name	Structure	CAS No.
ACI 160703	<b>Pioglitazone Hydrochloride Imp. C (Pharmeuropa):</b> (5RS)-5-[4-[2-(5-Ethylpyridin-2-yl)ethoxy]benzyl]-3-[2-(5-ethylpyridin-2-yl)ethyl]-1,3-thiazolidine-2,4-dione		952188-00-0
ACI 160705	<b>Pioglitazone Hydrochloride Imp. E (Pharmeuropa):</b> Ethyl 3-[4-[2-(5-Ethylpyridin-2-yl)ethoxy]phenyl]propanoate		868754-42-1
ACI 160710	<b>Pioglitazone Hydrochloride Impurity:</b> 5-(4-Hydroxybenzyl)-1,3-thiazolidine-2,4-dione		74772-78-4
ACI 160711	<b>Pioglitazone Hydrochloride Impurity:</b> 5-[4-[2-(5-Ethyl-2-pyridyl)ethoxy]benzyl]-2-imino-4-thiazolidinone		105355-26-8
ACI 160712	<b>Pioglitazone Hydrochloride Impurity:</b> 2-(5-Ethylpyridin-2-yl)prop-2-en-1-ol		1526933-30-1
ACI 160713	<b>Pioglitazone Hydrochloride Impurity:</b> 2-(5-Ethylpyridin-2-yl)propane-1,3-diol		127676-18-0
ACI 160714	<b>Pioglitazone Hydrochloride Impurity:</b> 2-(5-Ethyl-6-methylpyridin-2-yl)ethanol		NA

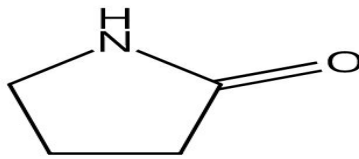
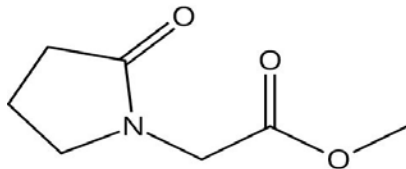
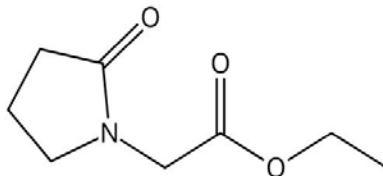
Code	Product Name	Structure	CAS No.
ACI 160715	<b>Pioglitazone Hydrochloride Impurity:</b> 2-(5-Ethylpyridin-3-yl)ethanol		1889189-17-6
ACI 160716	<b>Pioglitazone Hydrochloride Impurity:</b> 5-[[4-[2-(5-Ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-2,4-thiazolidinedione N-oxide		145350-09-0
<b>Piper</b>			
ACI 161801	<b>Piper nigrum:</b> Piperine : 1-[(2E,4E)-5-(1,3-Benzodioxol-5-yl)-1-oxo-2,4-pentadienyl]piperidine		94-62-2
<b>Piperacillin</b>			
ACI 166903	<b>Piperacillin Impurity C(EP):</b> (4S)-2-[(2-(4-Ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido)methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (Mixture of Diastereomers)		64817-23-8
ACI-166904	<b>Piperacillin Imp.D (EP):</b> (2S,5R,6R)-6-[(2R)-2-[(2S,5R,6R)-6-[(2R)-2-(4-ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxamido]-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (piperacillinylampicillin)		65772-67-0
<b>Piperaquine</b>			
ACI 164200	<b>Piperaquine phosphate:</b> 1,3-Bis(4-(7-Chloroquinolin-4-yl)propane tetra phosphate tetrahydrate		915967-82-7
ACI 164203	<b>Piperaquine phosphate Impurity:</b> 5-Chloro-4-(4-{3-[4-(7-chloroquinolin-4-yl)piperazin-1-yl]propyl}piperazin-1-yl)quinoline		918879-09-1

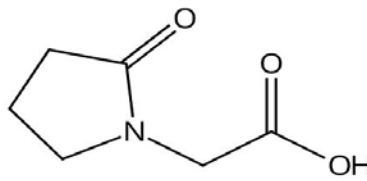
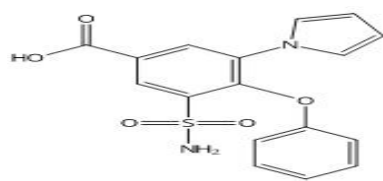
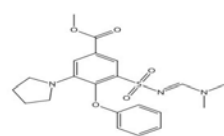
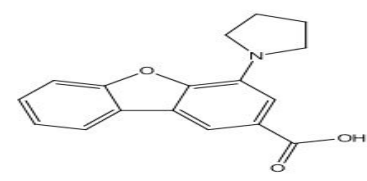
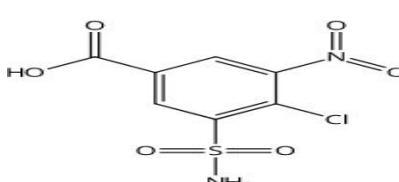
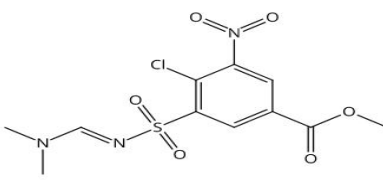
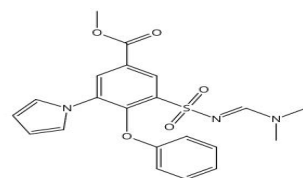
Code	Product Name	Structure	CAS No.
ACI 164206	<b>Piperaquine phosphate Impurity:</b> 7-Chloro-4-(4{3[(7-chloro quinolin-4-yl)oxy] propyl} piperazin-1-yl) quinoline		1233345-93-1
ACI 164207	<b>Piperaquine phosphate Impurity:</b> N-(7-Chloroquinolin-4-yl)-N'-(3-[4-(7-chloroquinolin-4-yl) piperazin-1-yl]propyl) ethane-1,2-diamine		NA

## Piperyline

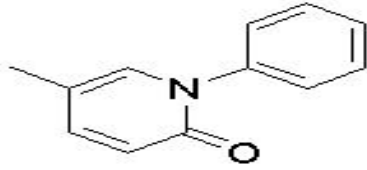
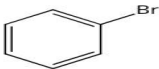
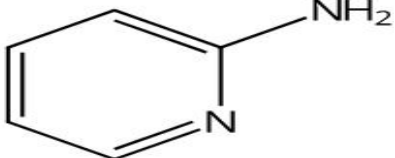
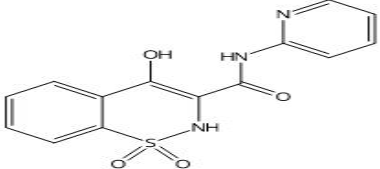
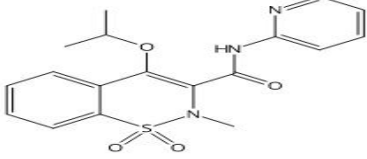
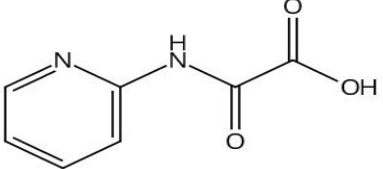
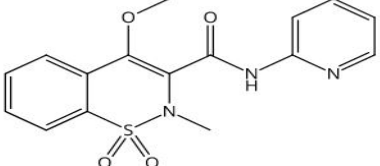
ACI 166200	<b>Piperyline:</b> (2E,4E)-5-(1,3-benzodioxol-5-yl)-1-(1-pyrrolidinyl)-2,4-Pentadien-1-one		25924-78-1
ACI 166211	<b>Piperyline Impurity:</b> (2E,4E)-N-Isobutyldecadienamide		18836-52-7

## Piracetam

ACI 164501	<b>Piracetam imp. A (EP):</b> Pyrrolidin-2-one		616-45-5
ACI 164502	<b>Piracetam imp. B (EP):</b> Methyl (2-oxopyrrolidin-1-yl)acetate		59776-88-4
ACI 164503	<b>Piracetam imp. C (EP):</b> Ethyl (2-oxopyrrolidin-1-yl)acetate		61516-73-2

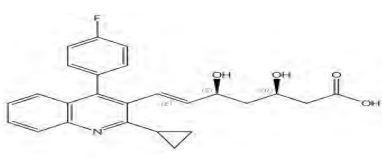
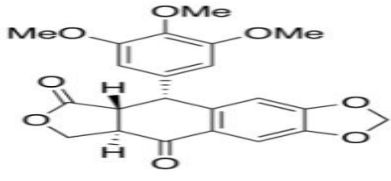
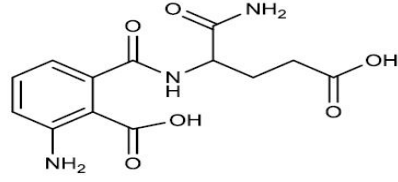
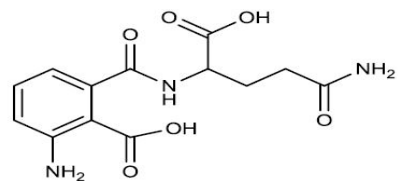
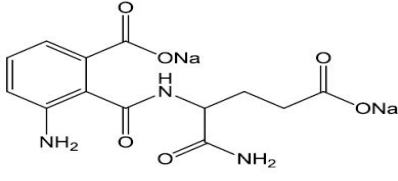
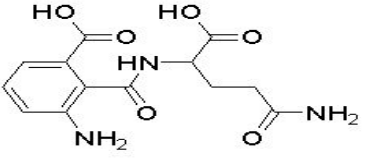
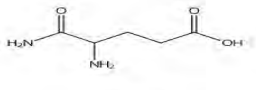
Code	Product Name	Structure	CAS No.
ACI 164504	<b>Piracetam imp. D (EP):</b> (2-oxopyrrolidin-1-yl)acetic acid		53934-76-2
<b>Piretanide</b>			
ACI 165601	<b>Piretanide Imp. A (EP):</b> 4-phenoxy-3-(1H-pyrrol-1-yl)-5-sulfamoylbenzoic acid		67641-46-7
ACI 165602	<b>Piretanide Imp. B (EP):</b> methyl-3-[[[(dimethylamino)methylidene]sulfamoyl]-4-phenoxy-5-(pyrrolidin-1-yl)benzoate		60376-76-3
ACI 165603	<b>Piretanide Imp. C (EP):</b> 4-(pyrrolidin-1-yl)dibenzo[b,d]furan-2-carboxylic acid		104061-24-7
ACI 165611	<b>Piretanide Impurity:</b> 3-Nitro-4-chloro-5-sulfamoylbenzoic acid		22892-96-2
ACI 165612	<b>Piretanide Impurity:</b> 3-Nitro-4-chloro-5-dimethylamino(methyleneamino)sulfonylbenzoic acid methyl ester		60376-77-4
ACI 165614	<b>Piretanide Impurity:</b> Methyl 3-[[[(dimethylamino)methylene]amino]sulfonyl]-4-phenoxy-5-(1H-pyrrol-1-yl)benzoate		66889-14-3

## Pirfenidone

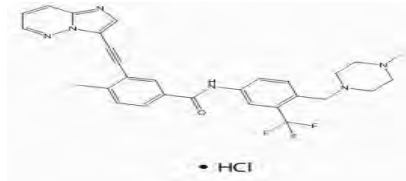
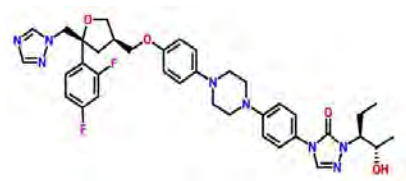
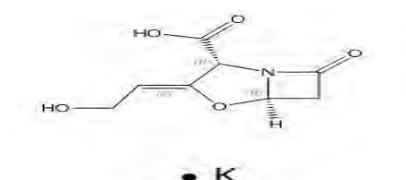
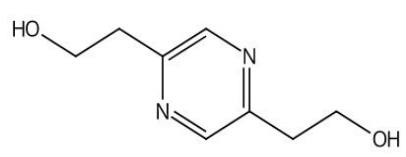
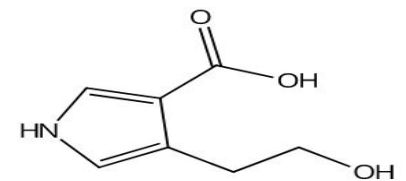
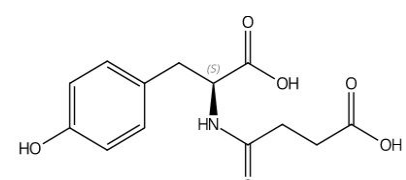
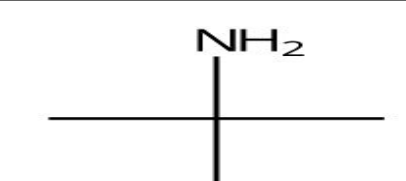
Code	Product Name	Structure	CAS No.
ACI 167700	<b>Pirfenidone:</b> 5-Methyl-1-phenylpyridin-2-one		53179-3-8
ACI 167704	<b>Pirfenidone Imp.D(EP):</b> Bromobenzene		108-86-1
<b>Piroxicam</b>			
ACI 164901	<b>Piroxicam Imp.A (EP):</b> Pyridin-2-amine (2-Pyridylamine)		504-29-0
ACI 164902	<b>Piroxicam Imp.B (EP):</b> 4-Hydroxy-N-(pyridine-2-yl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide		65897-46-3
ACI 164921	<b>Piroxicam Impurity:</b> 4-Isopropoxy-2-methyl-N-(2-pyridinyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-Dioxide		118854-49-2
ACI 164922	<b>Piroxicam Impurity:</b> N-(2-Pyridinyl)oxamic Acid Hydrochloride		13120-39-3
ACI 164923	<b>Piroxicam Impurity:</b> 4-Methoxy-2-methyl-N-(2-pyridyl)-2H-1,2-benzothiazine-3-carboxamide-1,1-Dioxide		76780-03-5

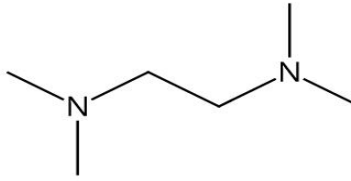
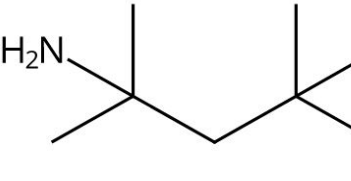
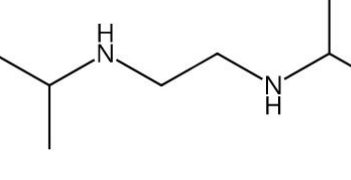
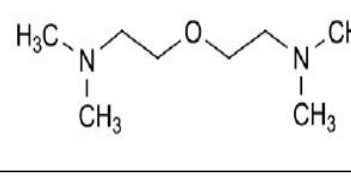
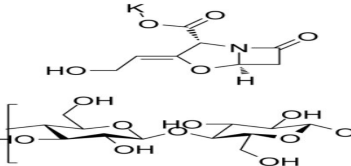
**Pitavastatin**



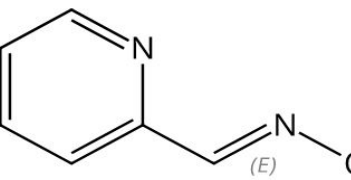
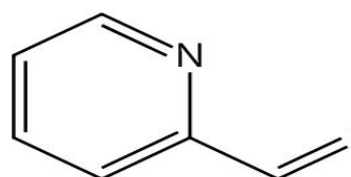
Code	Product Name	Structure	CAS No.
ACI 166000	<b>Pitavastatin calcium:</b> Calcium (E,3R,5S)-7-[2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-3,5-dihydroxyhept-6-enoate	 <p>• 1/2 Ca</p>	147526-32-7
<b>Podophyllotoxin</b>			
ACI 169003	<b>Podophyllotoxin imp.C(EP)</b> : 5aR,8aR,9R)-9-(3,4,5-triméthoxyphényl)-5a,6,8a,9-tétrahydrofuro[3',4':6,7]naphto[2,3-d][1,3]dioxol-5,8-dione		477-49-6
<b>Pomalidomide</b>			
ACI 166311	<b>Pomalidomide Impurity:</b> Amino-6-[[[1-(aminocarbonyl)-carboxypropyl]amino]carbonyl] Benzoic acid		NA
ACI 166312	<b>Pomalidomide Impurity:</b> 2-(3-carbamoyl-1-carboxypropylcarbamoyl)-6-aminobenzoic acid (Pomalidomide Hydrolysis Impurity-I)		NA
ACI 166313	<b>Pomalidomide Impurity:</b> Disodium 2-(1-carbamoyl-3-carboxypropylcarbamoyl)-3-aminobenzoic acid		n/a
ACI 166314	<b>Pomalidomide Impurity:</b> 2-(3-carbamoyl-1-carboxypropylcarbamoyl)-3-aminobenzoic acid		NA
ACI 166315	<b>Pomalidomide Impurity:</b> 4,5-Diamino-5-oxopentanoic acid hydrochloride	 <p>• HCl</p>	1323411-10-4

## Ponatinib

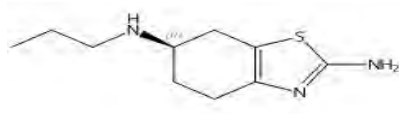
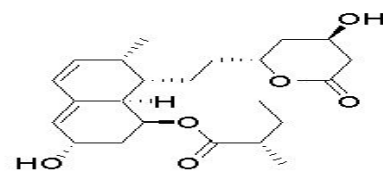
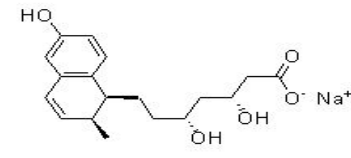
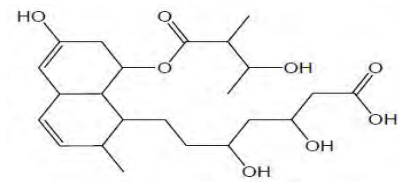
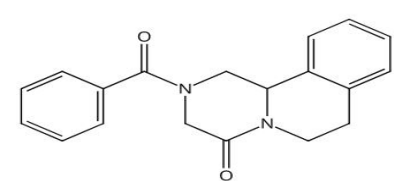
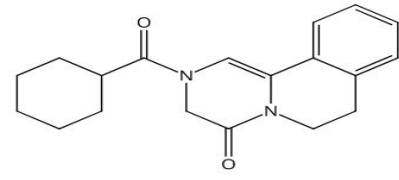
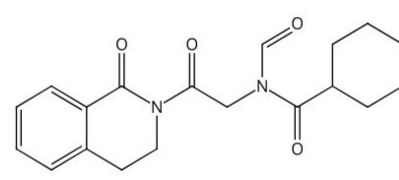
Code	Product Name	Structure	CAS No.
ACI 168700	<b>Ponatinib Hydrochloride</b> : Benzamide, 3-(2-imidazo[1,2-b]pyridazin-3-ylethynyl)-4-methyl-N-[4-[(4-methyl-1-piperazinyl)methyl]-3-(trifluoromethyl)phenyl]-, hydrochloride	 • HCl	1114544-31-8
<b>Posaconazole</b>			
ACI 167500	<b>Posaconazole</b> : 2,5-Anhydro-1,3,4-trideoxy-2-C-(2,4-difluorophenyl)-4-[[4-[4-[1-[(1s,2s)-1-ethyl-2-hydroxypropyl]-1,5-dihydro-5-oxo-4H-1,2,4-triazol-4-yl]phenyl]-1-piperazinyl]phenoxy]methyl]-1-(1H-1,2,4-triazol-1-yl)-D-threo-pentitol		171228-49-2
<b>Potassium</b>			
ACI 160900	<b>Potassium Clavulanate</b> : Potassium (2R,3Z,5R)-3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylate	 • K	61177-45-5
ACI 160901	<b>Potassium Clavulanate Imp. A (EP)</b> : 2,2'-(pyrazine-2,5-diyl)diethanol		4744-51-8
ACI 160904	<b>Potassium Clavulanate Imp. D (EP)</b> : 4-(2-hydroxyethyl)-1H-pyrrole-3-carboxylic acid		404839-11-8
ACI 160907	<b>Potassium Clavulanate Imp. G (EP)</b> : 4-[[[(1S)-1-carboxy-2-(4-hydroxyphenyl)ethyl]amino]-4-oxobutanoic acid (N-(hydrogensuccinyl)tyrosine)		374816-32-7
ACI 160908	<b>Potassium Clavulanate Imp. H (EP)</b> : 2-methylpropan-2-amine		75-64-9

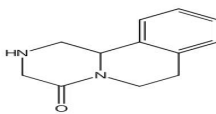
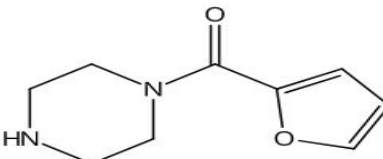
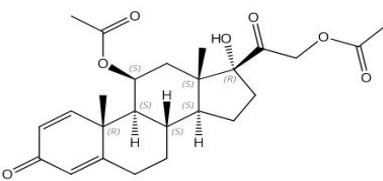
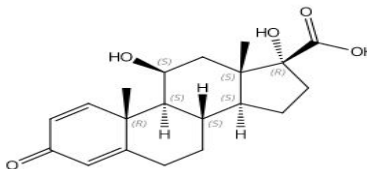
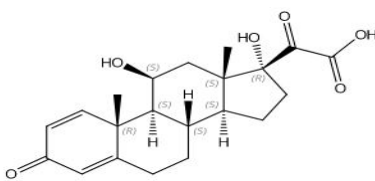
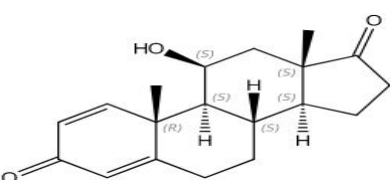
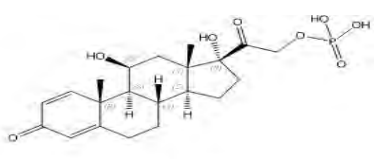
Code	Product Name	Structure	CAS No.
ACI 160909	<b>Potassium Clavulanate Imp. J (EP):</b> N,N,N',N'-tetramethylethane-1,2-diamine		110-18-9
ACI 160910	<b>Potassium Clavulanate Imp. K (EP):</b> 2,4,4-trimethylpentan-2-amine		107-45-9
ACI 160911	<b>Potassium Clavulanate Imp. L (EP):</b> N,N'-diisopropylethane-1,2-diamine		4013-94-9
ACI 160912	<b>Potassium Clavulanate Imp. M (EP):</b> 2,2'-oxybis(N,N-dimethylethanamine)		3303-62-3
ACI 160930	<b>Potassium Clavulanate diluted:</b> Dry mixture of Potassium clavulanate and microcrystalline cellulose (1:1)		61177-45-5

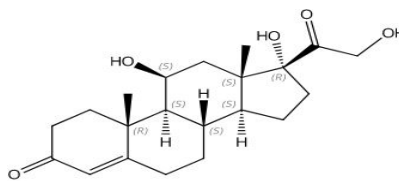
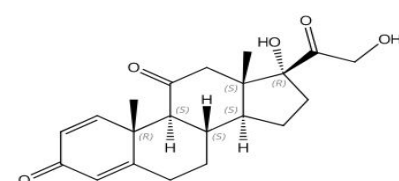
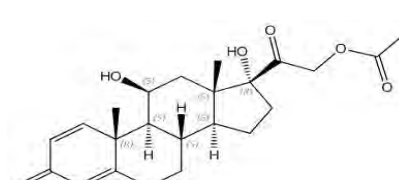
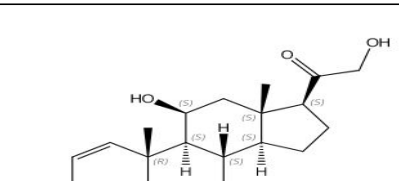
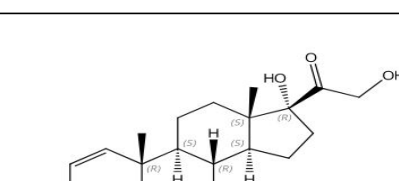
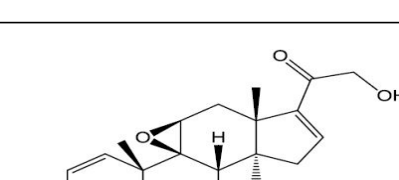
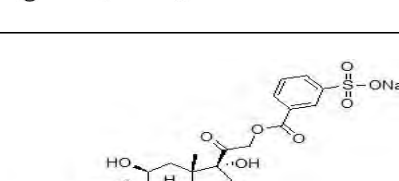
## Pralidoxime

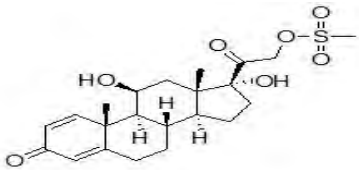
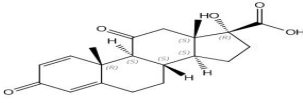
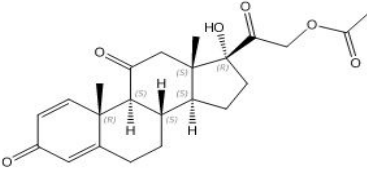
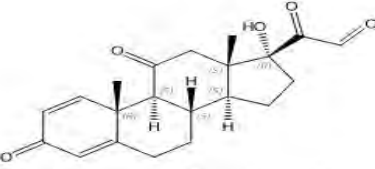
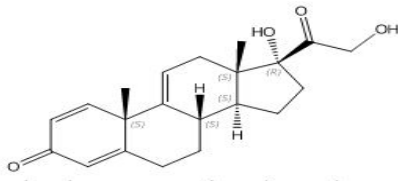
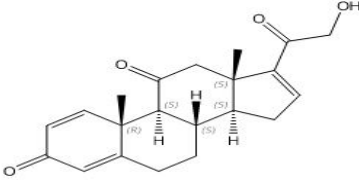
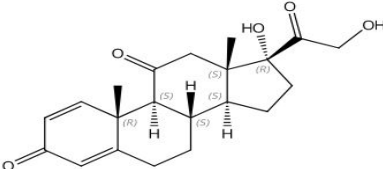
ACI 165111	<b>Pralidoxime Impurity:</b> N-(Pyridin-2-ylmethylidene)hydroxylamine		1193-96-0
ACI 165113	<b>Pralidoxime Impurity:</b> 2-Pyridinecarboxaldehyde		1121-60-4

## Pramipexole

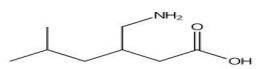
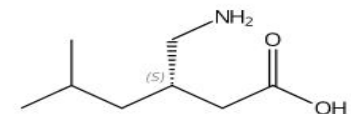
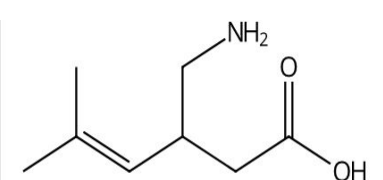
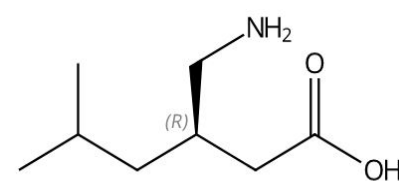
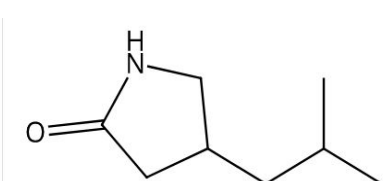
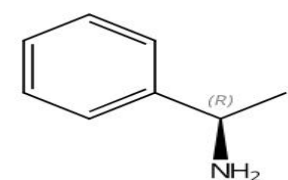
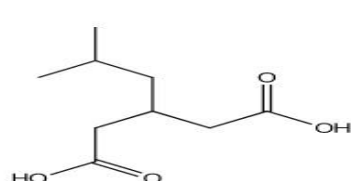
Code	Product Name	Structure	CAS No.
ACI 161104	<b>Pramipexole Imp. D (EP):</b> (6R)-6-N-propyl-4,5,6,7-tetrahydro-1,3-benzothiazole-2,6-diamine,	 <p>• 2 HCl</p>	104632-27-1
<b>Pravastatin</b>			
ACI 163004	<b>Pravastatin sodium Imp. D (EP):</b> (1S,3S,7S,8S,8aR) -3-hydroxy-8-[2-[(2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl]ethyl]-7-methyl-1,2,3,7,8,8ahexahydronaphthalen-1-yl (2S)-2-methylbutanoate		8596-22-5
ACI 163007	<b>Pravastatin sodium Imp. G (EP) as sodium salt:</b> (3R,5R)-3,5-dihydroxy-7-[(1S,2S)-6-hydroxy-2-methyl-1,2-dihydronaphthalen-1-yl]heptanoic acid		720666-74-0
ACI 163011	<b>Pravastatin sodium Impurity:</b> 3-hydroxypravastatin		NA
<b>Praziquantel</b>			
ACI 165701	<b>Praziquantel Imp.A (EP):</b> (11bRS)-2-benzoyl-1,2,3,6,7,11b-hexahydro-4H-pyrazino [2,1-a]isoquinolin-4-one		54761-87-4
ACI 165702	<b>Praziquantel Imp.B (EP):</b> 2-(cyclohexylcarbonyl)-2,3,6,7-tetrahydro-4H-pyrazino[2,1-a]isoquinolin-4-one		125273-86-1
ACI 165703	<b>Praziquantel Imp.C (EP):</b> N-formyl-N-[2-oxo-2-(1-oxo-3,4-dihydroisoquinolin-2(1H)-yl)ethyl]cyclohexanecarboxamide		125273-88-3

Code	Product Name	Structure	CAS No.
ACI 165711	<b>Praziquantel Impurity:</b> 1,2,3,6,7,11b-Hexahydro-4H-pyrazino[2,1-a]isoquinolin-4-one		61196-37-0
<b>Prazosin</b>			
ACI 165904	<b>Prazosin Hydrochloride Imp.D (EP):</b> 1-(Furan-2-ylcarbonyl)-piperazine		40172-95-0
<b>Prednisolone</b>			
ACI 166803	<b>Prednisolone acetate Imp. C(EP):</b> 17-hydroxy-3,20-dioxopregna-1,4-diene-11 $\beta$ ,21-diyl diacetate (Prednisolone 11,21-diacetate)		98523-85-4
ACI 164002	<b>Prednisolone sodium phosphate impurity:</b> 11 $\beta$ ,17 $\alpha$ -Dihydroxyandrosta-1,4-diene-3-one 17 $\beta$ -carboxylic acid		37927-29-0
ACI 164003	<b>Prednisolone sodium phosphate impurity:</b> 21-Oxo-11 $\beta$ ,17, 21-trihydroxypregna-1,4-diene-3, 20-dione.		61549-70-0
ACI 164004	<b>Prednisolone sodium phosphate impurity:</b> 11 $\beta$ -Hydroxyandrosta-1,4-diene-3,17-dione		898-84-0
ACI 162500	<b>Prednisolone sodium phosphate:</b> 11 $\beta$ ,17-Dihydroxy-3,20-dioxopregna-1,4-dien-21-yl disodium phosphate	 • 2 Na	125-02-0

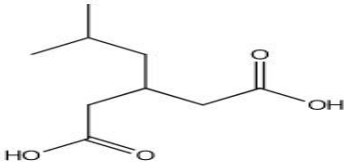
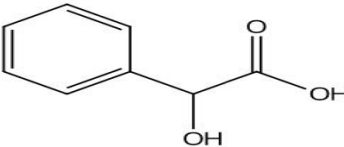
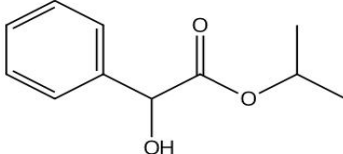
Code	Product Name	Structure	CAS No.
ACI 162501	<b>Prednisolone impurity A (EP):</b> 11 $\beta$ ,17,21-trihydroxypregna-4-ene-3,20-dione		50-23-7
ACI 162502	<b>Prednisolone impurity B(EP):</b> 17,21-dihydroxypregna-1,4-diene-3,11,20-trione		53-03-2
ACI 162503	<b>Prednisolone impurity C (EP):</b> 11 $\beta$ ,17-dihydroxy-3,20-dioxopregna-1,4-dien- 21-yl acetate		52-21-1
ACI 162509	<b>Prednisolone impurity I (EP):</b> 11 $\beta$ ,21-dihydroxypregna-1,4-diene-3,20-dione		13479-38-4
ACI 162510	<b>Prednisolone impurity J (EP):</b> 17,21-dihydroxypregna-1,4-diene-3,20-dione		1807-14-3
ACI 162521	<b>Prednisolone Impurity:</b> 9 $\beta$ ,11 $\beta$ -epoxide-21-hydroxy pregna-1,4,16-triene-3,20-dione (Prednisolone Epoxide Triene)		NA
ACI 162525	<b>Prednisolone metasulfobenzoate sodium:</b> 11,17-Dihydroxy-21-[(3-sulfobenzoyl)oxy]-pregna-1,4-diene-3,20-dione Sodium Salt		630-67-1

Code	Product Name	Structure	CAS No.
ACI 162526	<b>Prednisolone 21-Methanesulfonate:</b> 11 $\beta$ ,17,21-Trihydroxypregna-1,4-diene-3,20-dione 21-Methanesulfonate		35410-28-7
<b>Prednisone</b>			
ACI 162710	<b>Prednisone Imp. J (EP):</b> 17 $\alpha$ -hydroxy-3,11-dioxoandrosta-1,4-diene-17 $\beta$ -carboxylic acid		78261-67-3
ACI 162711	<b>Prednisone Impurity:</b> Prednisone Acetate		125-10-0
ACI 162712	<b>Prednisone Impurity:</b> Prednisone 21-Aldehyde and 17,21,21-Trihydroxy-pregna-1,4-diene-3,11,20-trione (Mixture of aldehyde and water adduct form)		70522-55-3
ACI 162713	<b>Prednisone Impurity:</b> 17,21-Dihydroxypregna-1,4,9(11)-triene-3,20-dione (Deltacortinene)		10184-69-7
ACI 162714	<b>Prednisone Impurity:</b> 21-Hydroxypregna-1,4,16-triene-3,11,20-trione		102447-86-9
ACI-162502	<b>Prednisone:</b> 17,21-Dihydroxypregna-1,4-diene-3,11,20-trione		53-03-2

## Pregabalin

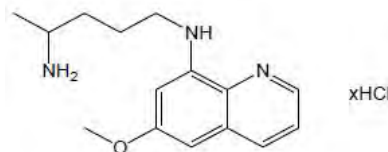
Code	Product Name	Structure	CAS No.
ACI 160312	<b>Pregabalin Racemate:</b> 3-(aminomethyl)-5-methylhexanoic acid		128013-69-4
ACI 160300	<b>Pregabalin:</b> (3S)-3-(Aminomethyl)-5-methylhexanoic acid		148553-50-8
ACI 160301	<b>Pregabalin Impurity (4-Eliminate):</b> 3-Aminomethyl-5-methylhex-4-enoic acid		216576-74-8
ACI 160303	<b>Pregabalin Impurity:</b> (R)-Pregabalin		148553-51-9
ACI 160304	<b>Pregabalin Impurity:</b> 4-Isobutylpyrrolidin-2-one		61312-87-6
ACI 160305	<b>Pregabalin Impurity:</b> (R)-(+)-1-Phenylethyl amine		3886-69-9
ACI 160306	<b>Pregabalin Impurity:</b> 3-Isobutylpentanedioic acid		75143-89-4



Code	Product Name	Structure	CAS No.
ACI 160307	<b>Pregabalin Impurity:</b> 3-(Carbamoylmethyl)-5-methylhexanoic acid		181289-15-6
ACI 160308	<b>Pregabalin Imp. C (Pharmeuropa):</b> (2RS)-2-hydroxy-2-phenylacetic acid (mandelic acid),		90-64-2
ACI 160309	<b>Pregabalin Imp. D (Pharmeuropa):</b> propan-2-yl (2RS)-2-hydroxy-2-phenylacetate		4118-51-8

## Primaquine

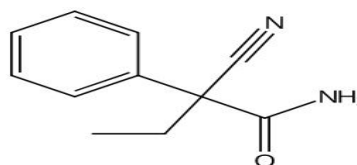
ACI 165811 **Primaquine Impurity as hydrochloride:** 8-[(4-Aminopentyl)amino]-6-methoxyquinoline hydrochloride



NA

## Primidone

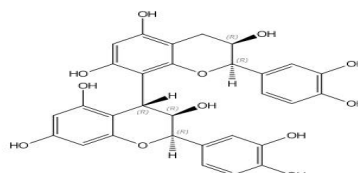
ACI 167604 **Primidone Imp.D (EP)::** (2RS)-2-cyano-2-phenylbutanamide



80544-75-8

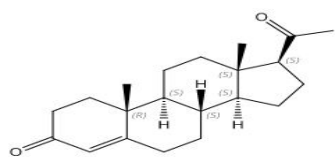
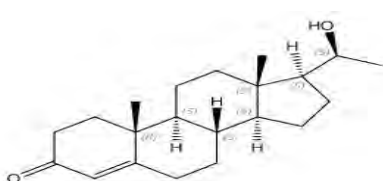
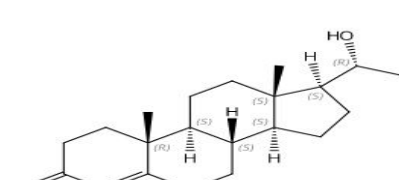
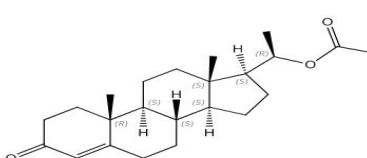
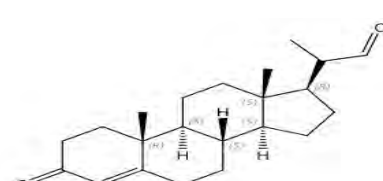
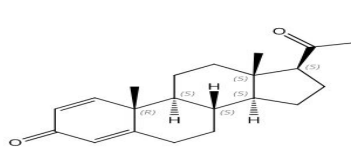
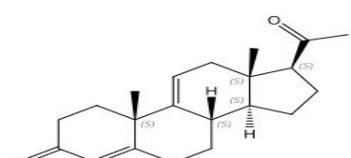
## Procyanidin

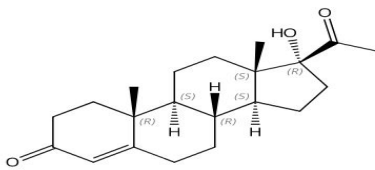
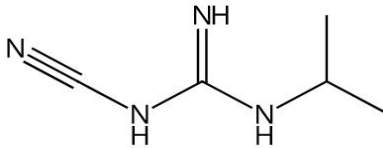
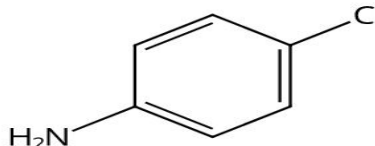
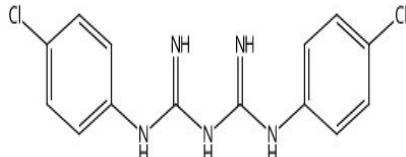
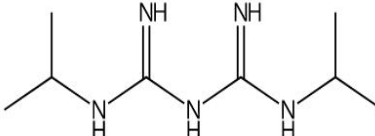
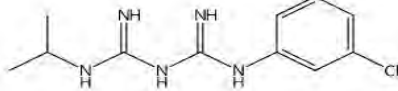
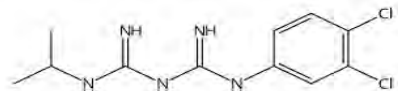
ACI 168900 **Procyanidin B2:** (2R,2'R,3R,3'R,4R)-2,2'-Bis(3,4-dihydroxyphenyl)-3,3',4,4'-tetrahydro[4,8'-bi-2H-1-benzopyran]-3,3',5,5',7,7'-hexol



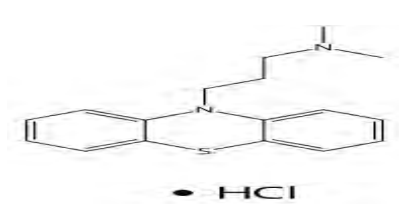
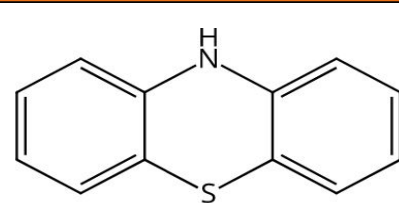
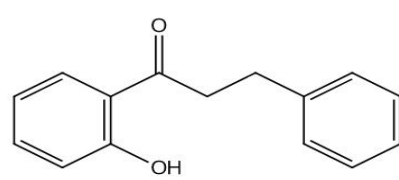
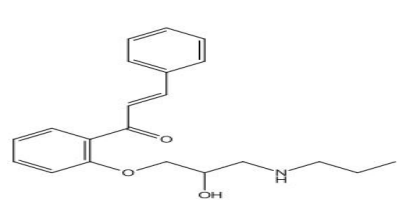
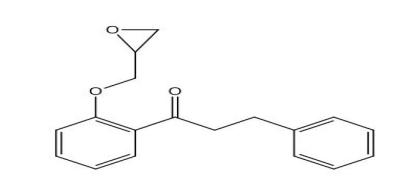
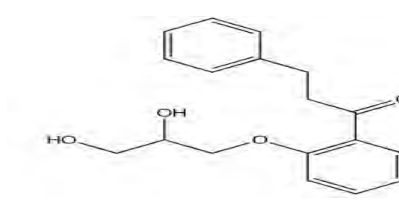
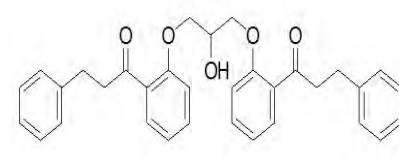
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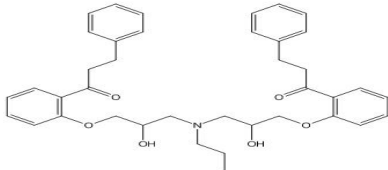
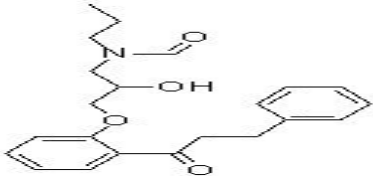
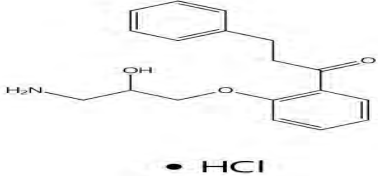
## Progesterone

Code	Product Name	Structure	CAS No.
ACI 166100	<b>Progesterone:</b> Pregn-4-ene-3,20-dione		57-83-0
ACI 166102	<b>Progesterone Imp. B:</b> (20S)-20-hydroxypregn-4-en-3-one		145-14-2
ACI 166103	<b>Progesterone Imp. C (EP):</b> (20R)-20-Hydroxypregn-4-en-3-one		145-15-3
ACI 166105	<b>Progesterone Imp.E(EP):</b> (20R)-3-oxopregn-4-en-20-yl acetate		5062-62-4
ACI 166109	<b>Progesterone Imp. I (EP):</b> (20RS)-20-methyl-3-oxypregn-4-en-21-al		24254-01-1
ACI 166110	<b>Progesterone Imp.J(EP):</b> pregna-1,4-diene-3,20-dione		1162-54-5
ACI 166111	<b>Progesterone Imp. K (EP):</b> pregna-4,9(11)-diene-3,20-dione		17652-16-3

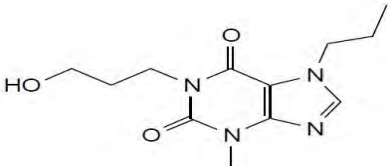
Code	Product Name	Structure	CAS No.
ACI 166120	<b>Progesterone Impurity : 17<math>\alpha</math>-Hydroxy Progesterone</b>		68-96-2
<b>Proguanil</b>			
ACI 163201	<b>Proguanil hydrochloride Imp. A (EP): 1-cyano-3-(1-methylethyl)guanidine</b>		44830-55-9
ACI 163202	<b>Proguanil hydrochloride Imp. B (EP): 4-chloroaniline</b>		106-47-8
ACI 163203	<b>Proguanil hydrochloride Imp. C (EP): 1,5-bis(4-chlorophenyl)biguanide</b>		13590-88-0
ACI 163204	<b>Proguanil hydrochloride Imp. D (EP): 1,5-bis(1-methylethyl)biguanide</b>		45095-69-0
ACI 163205	<b>Proguanil hydrochloride Impurity as hydrochloride: 1-(3-chlorophenyl)-5-isopropyl biguanide hydrochloride</b>	 • HCl	1071546-52-5
ACI 163208	<b>Proguanil hydrochloride Impurity as hydrochloride: 1-(3,4-dichlorophenyl)5isopropyl biguanide hydrochloride</b>	 • HCl	6001-93-0

## Promazine

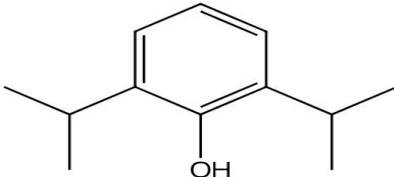
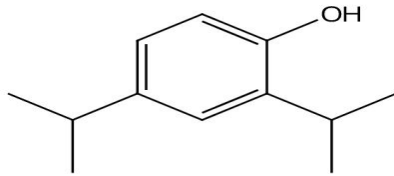
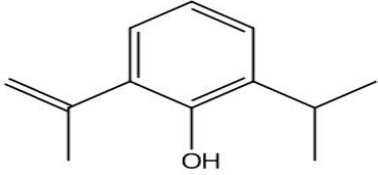
Code	Product Name	Structure	CAS No.
ACI 166700	<b>Promazine hydrochloride:</b> 3-(10H-phenothiazin-10-yl)-N,N-dimethylpropan-1-amine hydrochloride		53-60-1
<b>Promethazine</b>			
ACI 165401	<b>Promethazine hydrochloride Imp. A (EP):</b> Phenothiazine [Alimemazine hemitartrate Imp.C (EP) ,Trimeperazine Imp.C (EP)]		92-84-2
<b>Propafenone</b>			
ACI 162301	<b>Propafenone hydrochloride Imp. A (EP):</b> 1-(2-hydroxyphenyl)-3-phenylpropan-1-one		3516-95-8
ACI 162302	<b>Propafenone hydrochloride Imp. B (EP):</b> (2E)-1-[2-[(2RS)-2-hydroxy-3-(propylamino)propoxy]phenyl]-3-phenylprop-2-en-1-one		88308-22-9
ACI 162303	<b>Propafenone hydrochloride Imp. C (EP):</b> 1-[2-[(2RS)-oxiranyl]methoxy]phenyl]-3-phenylpropan-1-one		22525-95-7
ACI 162304	<b>Propafenone hydrochloride Imp. D (EP):</b> 1-[2-[(2RS)-2,3-dihydroxypropoxy]phenyl]-3-phenylpropan-1-one		91401-73-9
ACI 162306	<b>Propafenone hydrochloride Imp. F (EP):</b> 1,1'-[2-hydroxypropane-1,3-diylbis(oxy-2,1-phenylene)]bis(3-phenylpropan-1-one)		1329643-40-4

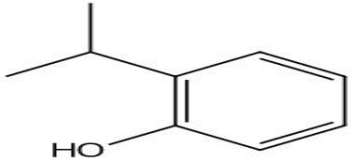
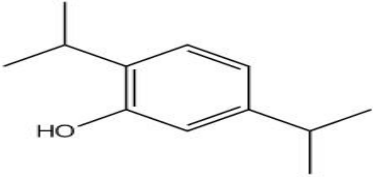
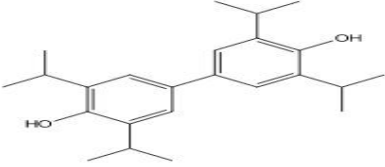
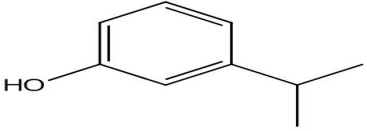
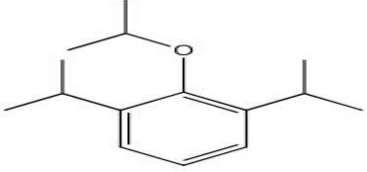
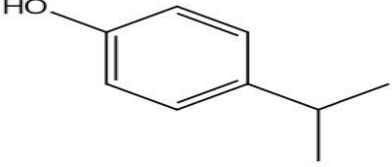
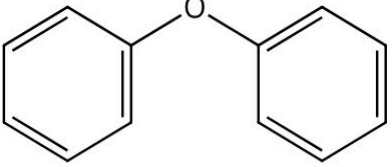
Code	Product Name	Structure	CAS No.
ACI 162307	<b>Propafenone hydrochloride Imp. G (EP):</b> 1,1'-[propyliminobis[(2-hydroxypropane-3,1-diyl)oxy-2,1-phenylene]]bis(3-phenylpropan-1-one)		1346603-80-2
ACI 162311	<b>Propafenone hydrochloride Impurity:</b> (N-{2-Hydroxy-3-[2-(3-phenylpropanoyl)phenoxy]propyl}-N-propylformamide)		n/a
ACI 162312	<b>Propafenone hydrochloride Impurity:</b> Dealkyl propafenone		1188263-52-6

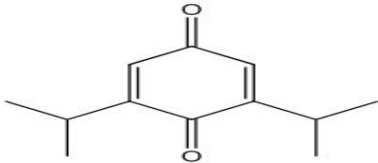
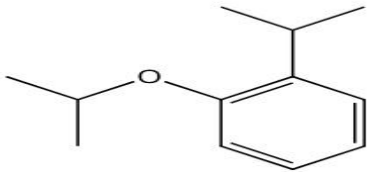
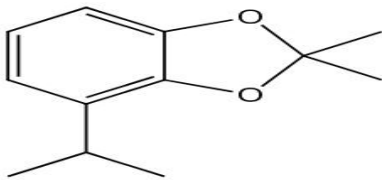
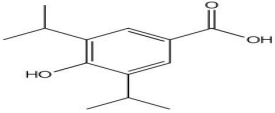
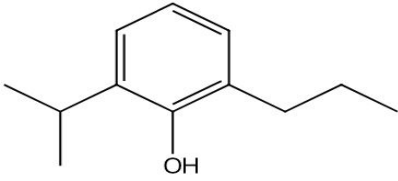
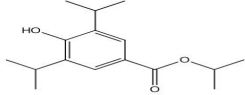
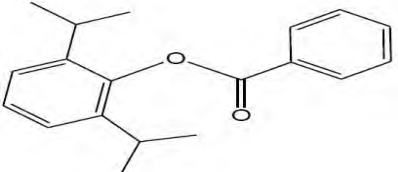
## Propentofylline

ACI 161611	<b>Propentofylline Impurity:</b> 1-(3-Hydroxypropyl)-3-methyl-7-propyl-xanthine		n/a
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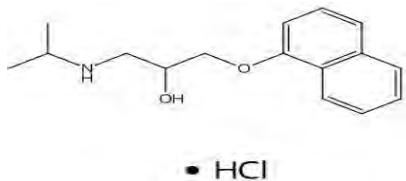
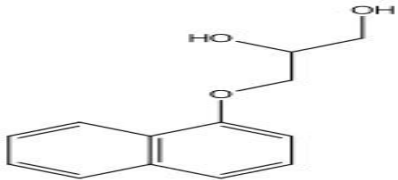
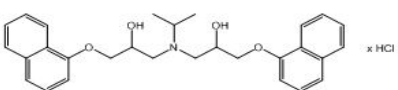
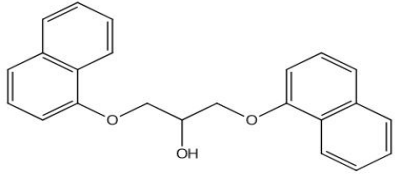
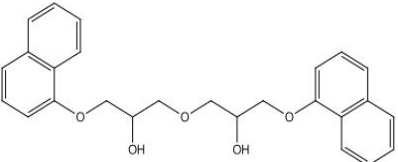
## Propofol

ACI 164800	<b>Propofol:</b> 2,6-Bis(1-methylethyl)phenol		2078-54-8
ACI 164801	<b>Propofol Imp. A (EP):</b> 2,4-bis(1-methylethyl)phenol		2934-05-6
ACI 164802	<b>Propofol Imp. B (EP):</b> 2-(1-methylethenyl)-6-(1-methylethyl)phenol		74926-89-9

Code	Product Name	Structure	CAS No.
ACI 164803	<b>Propofol Imp. C (EP):</b> 2-(1-methylethyl)phenol		88-69-7
ACI 164804	<b>Propofol Imp. D (EP):</b> 2,5-bis(1-methylethyl)phenol		35946-91-9
ACI 164805	<b>Propofol Imp. E (EP):</b> 3,3',5,5'-tetrakis(1-methylethyl)biphenyl-4,4'-diol		2416-95-7
ACI 164806	<b>Propofol Imp. F (EP):</b> 3-(1-methylethyl)phenol		618-45-1
ACI 164807	<b>Propofol Imp. G (EP):</b> 2-(1-methylethoxy)-1,3-bis(1-methylethyl)benzene		141214-18-8
ACI 164808	<b>Propofol Imp. H (EP):</b> 4-(1-methylethyl)phenol		99-89-8
ACI 164809	<b>Propofol Imp. I (EP):</b> Oxidibenzene		101-84-8

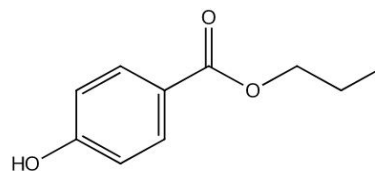
Code	Product Name	Structure	CAS No.
ACI 164810	<b>Propofol Imp. J (EP):</b> 2,6-bis(1-methylethyl)benzene-1,4-dione		1988-11-0
ACI 164811	<b>Propofol Imp. K (EP):</b> 1-(1-methylethoxy)-2-(1-methylethyl)benzene		14366-59-7
ACI 164812	<b>Propofol Imp. L (EP):</b> 2,2-dimethyl-4-(1-methylethyl)-1,3-benzodioxole		201166-22-5
ACI 164814	<b>Propofol Imp. N (EP):</b> 4-hydroxy-3,5-bis(1-methylethyl)benzoic acid		13423-73-9
ACI 164815	<b>Propofol Imp. O (EP):</b> 2-(1-methylethyl)-6-propylphenol		74663-48-2
ACI 164816	<b>Propofol Imp.P(EP):</b> 1-methylethyl 4-hydroxy-3,5-bis(1-methylethyl)benzoate		2095678-97-8
ACI 164821	<b>Propofol Impurity:</b> 2,6-Diisopropylphenylbenzoate		n/a

## Propranolol

Code	Product Name	Structure	CAS No.
ACI 165300	<b>Propranolol hydrochloride:</b> (2RS)-1-[(1-Methylethyl)amino]-3-(naphthalen-1-yloxy) propan-2-ol hydrochloride	 • HCl	318-98-9
ACI 165301	<b>Propranolol hydrochloride Imp. A (EP):</b> (2RS)-3-(naphthalen-1-yloxy)propane-1,2-diol		36112-95-5
ACI 165302	<b>Propranolol hydrochloride Imp. B (EP) as hydrochloride:</b> Propranolol hydrochloride Imp. B (EP) as hydrochloride Hydrochloride(tertiary amine derivative)	 x HCl	NA
ACI 165303	<b>Propranolol hydrochloride Imp. C (EP):</b> 1,3-bis(naphthalen-1-yloxy)propan-2-ol		17216-10-3
ACI 165311	<b>Propranolol hydrochloride Impurity:</b> 1,1'-oxybis[3-(naphthalen-1-yloxy)propan-2-ol]		1236367-67-1

## Propyl

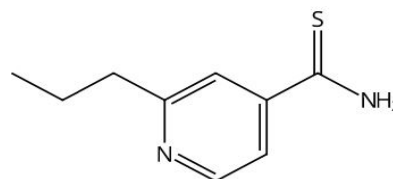
ACI 163100 **Propyl 4-Hydroxybenzoate:** 4-Hydroxybenzoic Acid Propyl Ester (Propyl Paraben)



94-13-3

## Prothionamide

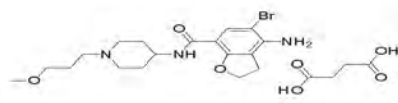
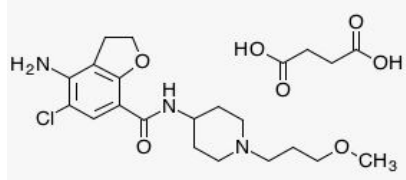
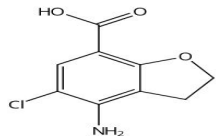
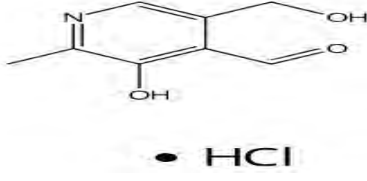
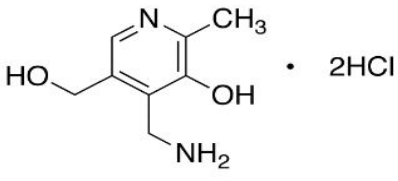
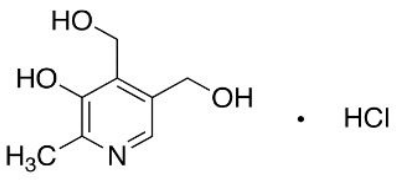
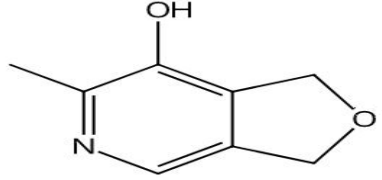
ACI 165200 **Prothionamide:** 2-propylpyridine-4-carbothioamide

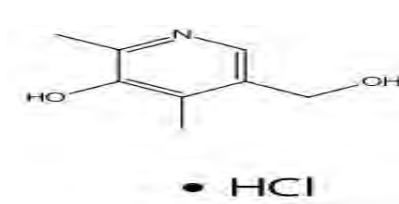
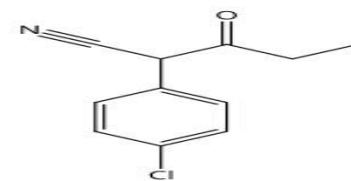
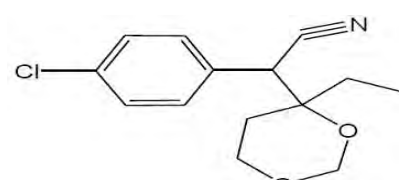
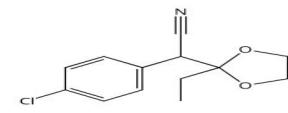


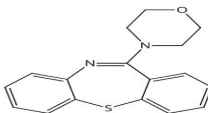
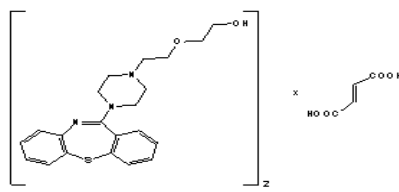
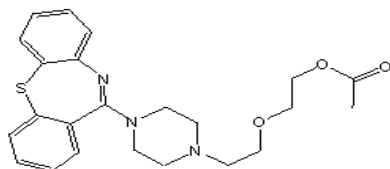
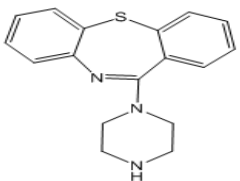
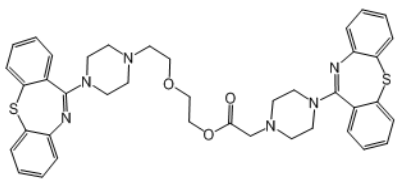
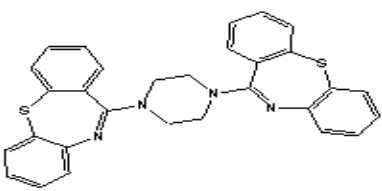
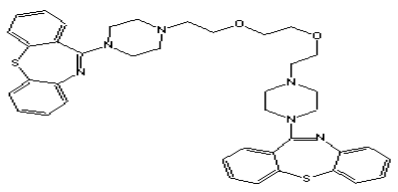
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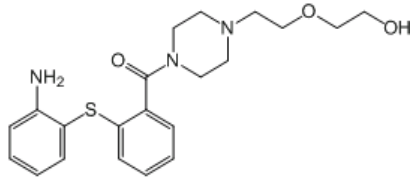
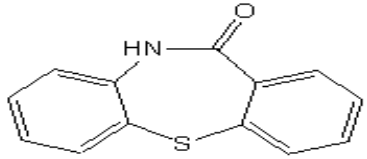
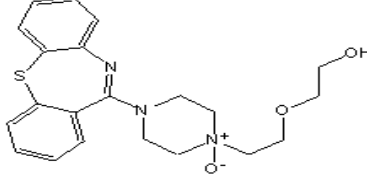
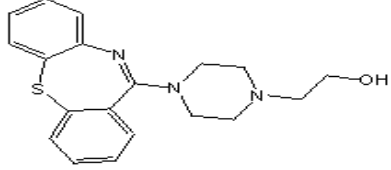
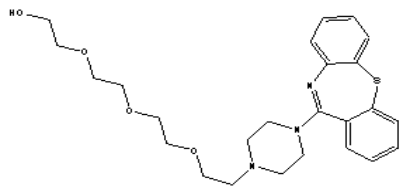
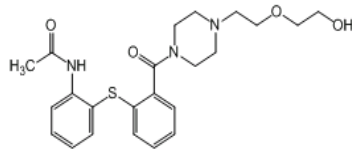
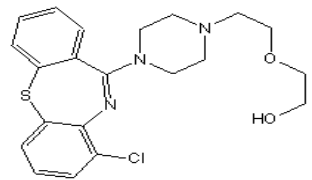
## Prucalopride

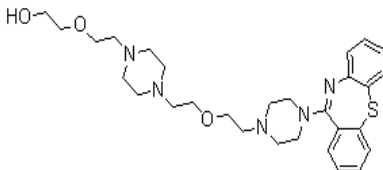
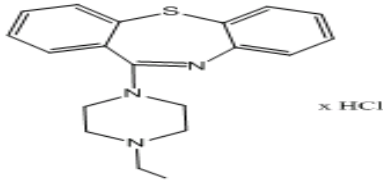
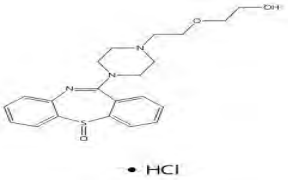
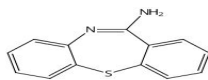
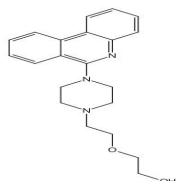
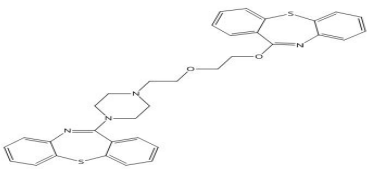
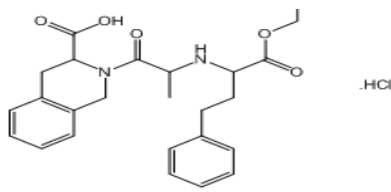


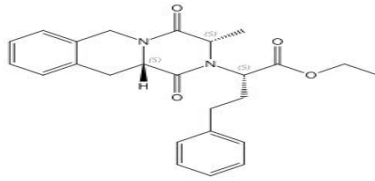
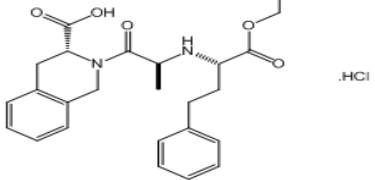
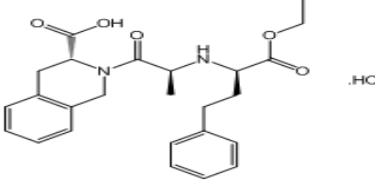
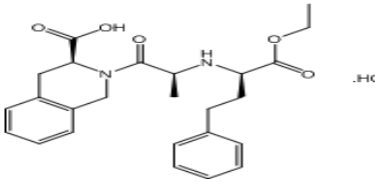
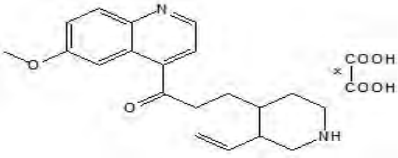
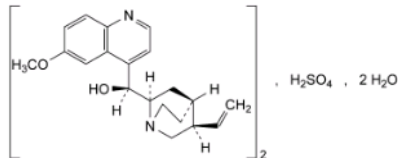
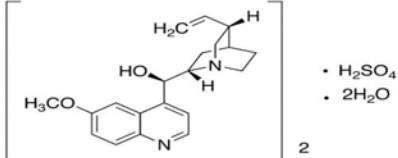
Code	Product Name	Structure	CAS No.
ACI 167312	<b>Prucalopride Bromo Analogue:</b> 4-amino-5-bromo-2,3-dihydro-N-(1-(3-methoxy propyl)piperidin-4-yl) benzofuran-7-carboxamide succinic acid		NA
ACI 167300	<b>Prucalopride Succinate:</b> 4-Amino-5-chloro-2,3-dihydro-N-[1-(3-methoxypropyl)-4-piperidinyl]-7-benzofurancarboxamide Butanedioic Acid		179474-85-2
ACI 167313	<b>Prucalopride Impurity:</b> 4-Amino-5-chloro-2,3-dihydro-7-benzofurancarboxylic Acid		123654-26-2
<b>Pyridoxal</b>			
ACI 162611	<b>Pyridoxal Hydrochloride as hydrochloride:</b> 3-Hydroxy-5-(hydroxymethyl)-2-methylisonicotinaldehyde hydrochloride		65-22-5
<b>Pyridoxamine</b>			
ACI 164300	<b>Pyridoxamine Dihydrochloride:</b> 4-(Aminomethyl)-5-hydroxy-6-methyl-3-pyridinemethanol Dihydrochlorid		524-36-7
<b>Pyridoxine</b>			
ACI 162600	<b>Pyridoxine Hydrochloride:</b> (5-Hydroxy-6-methylpyridine-3,4-diyl)dimethanol hydrochloride		58-56-0
ACI 162601	<b>Pyridoxine Hydrochloride Imp A (EP):</b> 6-methyl-1,3-dihydrofuro[3,4-c]pyridin-7-ol		5196-20-3

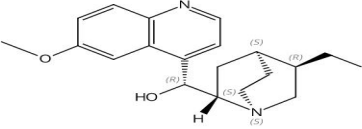
Code	Product Name	Structure	CAS No.
ACI 162602	<b>Pyridoxine Hydrochloride Imp B (EP) as hydrochloride:</b> 5-(hydroxymethyl)-2,4-dimethylpyridin-3-ol hydrochloride	 <chem>Cc1c(C)c(O)nc(CO)c1.[Cl-]</chem>	148-51-6
<b>Pyrimethamine</b>			
ACI 165511	<b>Pyrimethamine Impurity:</b> 2-(4-Chlorophenyl)-3-Oxopentanenitrile	 <chem>CC(=O)C(C#N)c1ccc(Cl)cc1</chem>	55474-40-3
ACI 165512	<b>Pyrimethamine Impurity:</b> 2-(4-Chlorophenyl)-2-(Ethyl-1,3-Dioxolan-2-yl)Acetonitrile	 <chem>CCOC1CCOC1C(C#N)c2ccc(Cl)cc2</chem>	n/a
ACI 165513	<b>Pyrimethamine Impurity:</b> 2-(4-Chlorophenyl)-2-(2-ethyl-1,3-dioxolan-2-yl)acetonitrile	 <chem>CCOC1CCOC1C(C#N)c2ccc(Cl)cc2</chem>	55474-41-4

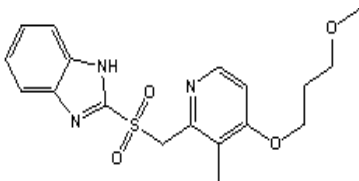
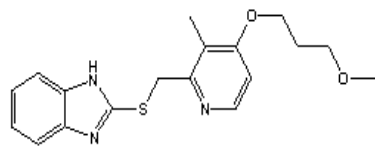
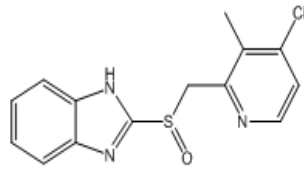
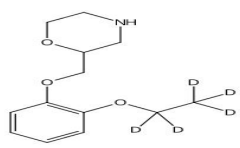
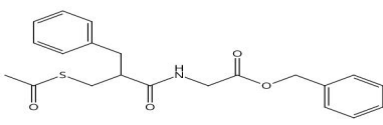
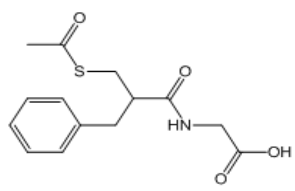
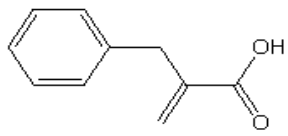
Code	Product Name	Structure	CAS No.
<b>Quetiapine</b>			
ACI 170120	<b>Quetiapine fumarate Imp. T (EP):</b> 11-(morpholin-4-yl)dibenzo[b,f][1,4]thiazepine		5747-46-6
ACI 170100	<b>Quetiapine hemifumarate:</b> 2-2-(4-Dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl) ethoxyethanol hemifumarate		111974-72-2
ACI 170101	<b>Quetiapine fumarate Imp. A (EP):</b> 2-2-4-(dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-ylethoxyethyl acetate		844639-07-2
ACI 170102	<b>Quetiapine fumarate Imp. B (EP) as hydrochloride:</b> 11-(Piperazin-1-yl)dibenzo[b,f][1,4]thiazepine Dihydrochloride		111974-74-4
ACI 170103	<b>Quetiapine fumarate Imp. C (EP):</b> 2-2-4-(dibenzob,f1,4thiazepin-11-yl)piperazin-1-ylethoxyethyl 2-4-(dibenzob,f1,4thiazepin-11-yl)piperazin-1-ylacetate		n/a
ACI 170104	<b>Quetiapine fumarate Imp. D (EP):</b> 11,11'-Piperazine-1,4-diylbis		945668-94-0
ACI 170105	<b>Quetiapine fumarate Imp. E (EP):</b> 11,11'-ethylenebis (oxyethylenepiperazine-4,1-diyl)bis		1371638-05-9

Code	Product Name	Structure	CAS No.
ACI 170106	<b>Quetiapine fumarate Imp. F (EP):</b> 2-(2-aminophenyl)sulfanylphenyl-4-(2-(2-hydroxyethoxy) ethyl piperazin-1-yl)methanone		848814-27-7
ACI 170107	<b>Quetiapine fumarate Imp. G (EP):</b> Dibenzob, f, [1,4]thiazepin-11(10H)-one		3159-07-7
ACI 170108	<b>Quetiapine fumarate Imp. H (EP):</b> 2-2-4-(dibenzob, f, 1,4thiazepin-11-yl)-1-oxidopiperazin -1-ylethoxyethanol		1076199-40-0
ACI 170109	<b>Quetiapine fumarate Imp. I (EP):</b> 2-4-(dibenzob, f, 1,4thiazepin-11-yl)piperazin-1-ylethanol		329216-67-3
ACI 170110	<b>Quetiapine fumarate Imp. J (EP):</b> 2-[2-[2-[2-[4-(dibenzob, f, [1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethoxy]ethoxy]ethanol		1371638-11-7
ACI 170111	<b>Quetiapine fumarate Imp. K (EP) as hydrochloride:</b> N-2-2-4-2-(2-hydroxyethoxy)ethylpiperazin-1-ylcarbonyl phenylsulfanylphenylacetamide hydrochloride		1371638-10-6 x HCl
ACI 170112	<b>Quetiapine fumarate Imp. L (EP) as hydrochloride:</b> 2-2-4-(9-chlorodibenzob, f, 1,4thiazepin-11-yl)piperazin-1-ylethoxyethanol hydrochloride		xHCl 1371638-11-7

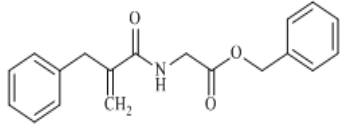
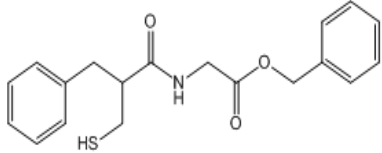
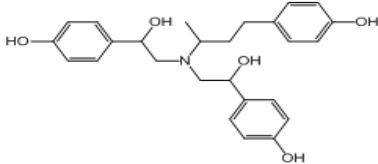
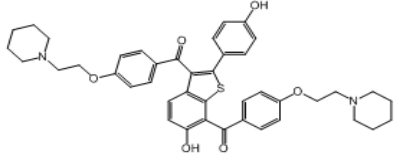
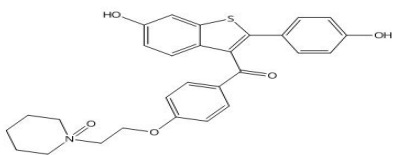
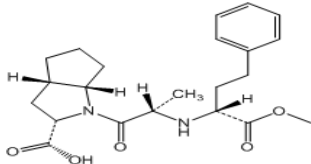
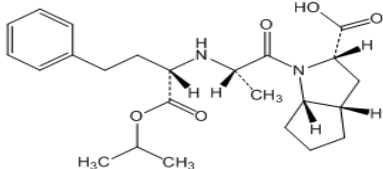
Code	Product Name	Structure	CAS No.
ACI 170114	<b>Quetiapine fumarate Imp. N (EP):</b> 2-[2-[4-[2-[2-[4-(dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethyl]piperazin-1-yl]ethoxy]ethanol		1800291-86-4
ACI 170116	<b>Quetiapine fumarate Imp. P (EP):</b> 11-(4-ethylpiperazin-1-yl)dibenzo[b,f][1,4]thiazepine		1011758-03-4
ACI 170119	<b>Quetiapine fumarate Imp. S (EP):</b> 2-[2-[4-(5-oxidodibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethanol hydrochloride		2448341-72-6
ACI 170121	<b>Quetiapine fumarate Imp. U (EP):</b> dibenzo[b,f][1,4]thiazepin-11-amine		5786-26-5
ACI 170122	<b>Quetiapine fumarate Imp. V (EP):</b> 2-[2-[4-(phenanthridin-6-yl)piperazin-1-yl]ethoxy]ethanol		2204369-14-0
ACI 170123	<b>Quetiapine fumarate Imp. W (EP):</b> 11-(4-[2-[2-(dibenzo[b,f][1,4]thiazepin-11-yloxy)ethoxy]ethyl]piperazin-1-yl)dibenzo[b,f][1,4]thiazepine		1800608-95-0
<b>Quinapril</b>			
ACI 170200	<b>Quinapril Hydrochloride:</b> 3S)-2-[(2S)-2-[(1S)-1-(Ethoxycarbonyl)-3-phenylpropyl]amino]-1-oxopropyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic Acid Hydrochloride		82586-55-8

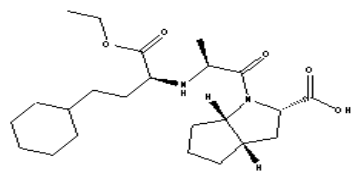
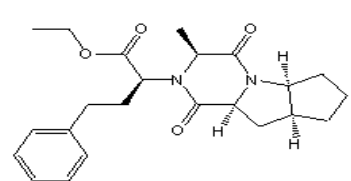
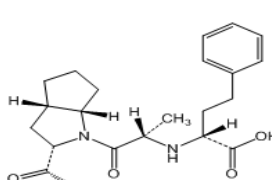
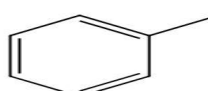
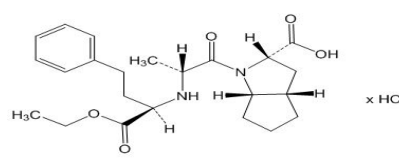
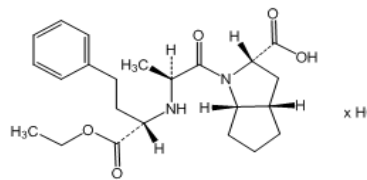
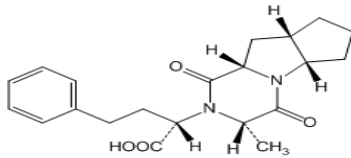
Code	Product Name	Structure	CAS No.
ACI 170204	<b>Quinapril hydrochloride Related Compound A:</b> ethyl (2S)-2-[(3S,11aS)-3-methyl-1,4-dioxo-1,3,4,6,11,11a-hexahydro-2H-pyrazino[1,2-b]isoquinolin-2-yl]-4-phenylbutanoate (Quinapril hydrochloride Imp. D (EP))		103733-49-9
ACI 170207	<b>Quinapril Imp. G (EP) as hydrochloride:</b> (3R)-2-[(2S)-2-[[[(1S)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]propanoyl]-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid hydrochloride		103775-06-0
ACI 170208	<b>Quinapril hydrochloride Imp. H(EP) as Hydrochloride salt:</b> (3R)-2-[(2S)-2-[[[(1R)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]propanoyl]-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid Hydrochloride		n/a
ACI 170209	<b>Quinapril hydrochloride Imp. I (EP) as Hydrochloride salt:</b> (3S)-2-[(2S)-2-[[[(1R)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]propanoyl]-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid Hydrochloride		n/a
<b>Quinine</b>			
ACI 170300	<b>Quinine oxalate:</b> 1-Propanone -3-[(3R,4R)-3-ethenyl-4-piperidiny]- (6-methoxy-4-quinoliny)-oxalate		NA
<b>Quinidine</b>			
ACI 170500	<b>Quinidine sulphate:</b> Bis[(S)-[(2R,4S,5R)-5-ethenyl-1-azabicyclo[2.2.2]oct-2-yl]-(6-methoxyquinolin-4-yl)methanol] sulfate		6591-63-5
<b>Quinine</b>			
ACI 170400	<b>Quinine sulfate dihydrate:</b> (8 $\alpha$ ,9R)-6'-Methoxycinchonan-9-ol hemisulfate monohydrate		207671-44-1

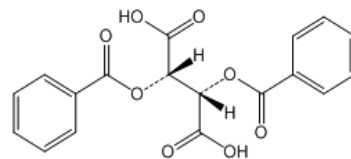
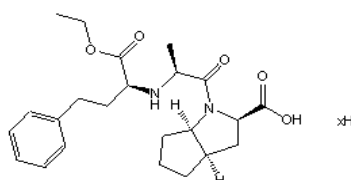
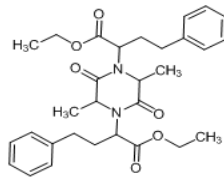
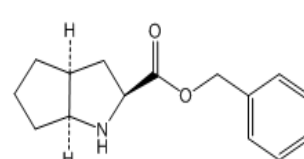
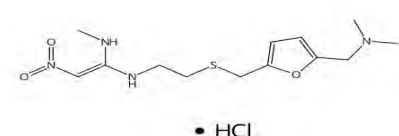
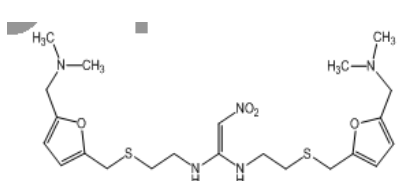
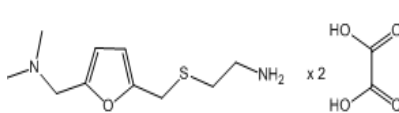
Code	Product Name	Structure	CAS No.
ACI 170403	<b>Quinine sulfate dihydrate imp C (EP):</b> (R)-[(2S,4S,5R)-5-ethyl-1-azabicyclo[2.2.2]oct-2-yl](6-methoxyquinolin-4-yl)methanol (dihydroquinine)		522-66-7

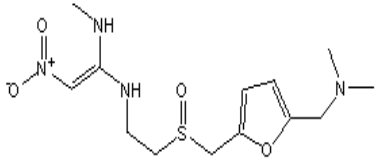
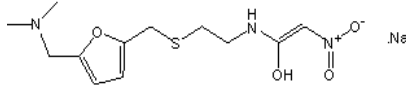
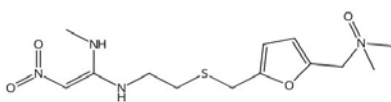
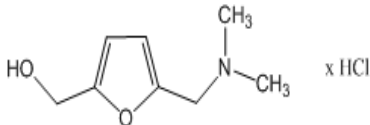
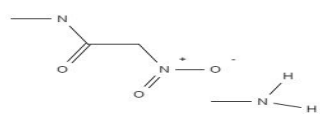
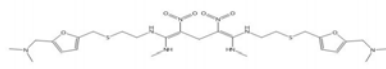
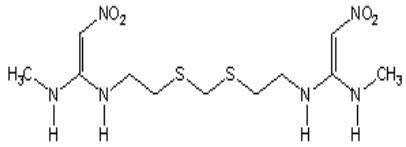
Code	Product Name	Structure	CAS No.
<b>Rabeprazole</b>			
ACI 180701	<b>Rabeprazole Sodium Impurity:</b> 2-4-(3-Methoxypropoxy)-3-methyl-2-pyridinyl methylsulfonyl-1H-benzimidazole		117976-47-3
ACI 180702	<b>Rabeprazole Sodium Impurity:</b> 2-4-(3-Methoxypropoxy)-3-methyl-2-pyridinylmethylthio-1H-benzimidazole		117977-21-6
ACI 180708	<b>Rabeprazole Sodium Imp. H (pharmeuropa):</b> 2-[[4-chloro-3-methylpyridin-2-yl)methyl]sulfinyl]-1H-benzimidazole		168167-42-8
<b>rac</b>			
ACI 221730	<b>rac Viloxazine-d5 Hydrochloride:</b> (+/-)-2-[(o-Ethoxy-d5)phenoxy)methyl]morpholine	 • HCl	1276483-10-3
<b>Racecadotril</b>			
ACI 180400	<b>Racecadotril:</b> N-[2-[(Acetylthio)methyl]-1-oxo-3-phenylpropyl]glycinePhenylmethyl ester		81110-73-8
ACI 180403	<b>Racecadotril Imp .C (EP):</b> [[[2RS)-2-(acetylsulfanyl)methyl]-3-phenylpropanoyl]amino]acetic acid		124735-06-4
ACI 180405	<b>Racecadotril Imp. E (EP):</b> 2-benzylprop-2-enoic acid (2-benzylacrylic acid)		5669-19-2

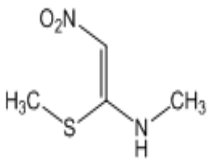
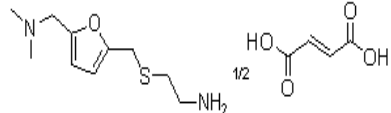
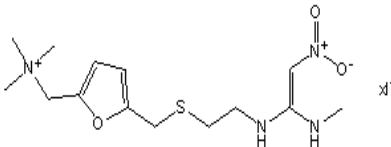
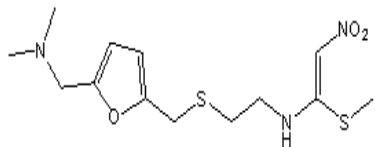
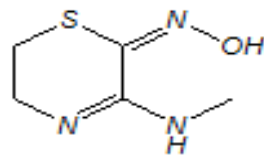
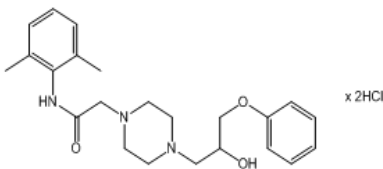
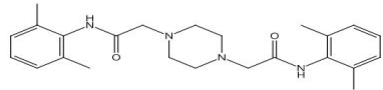


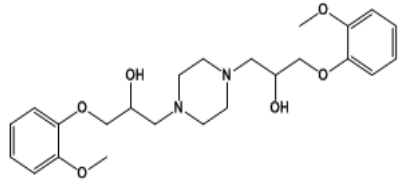
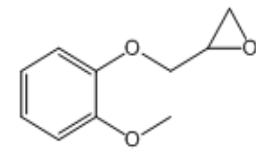
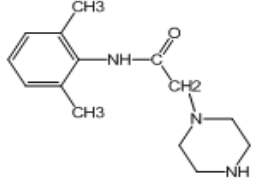
Code	Product Name	Structure	CAS No.
ACI 180406	<b>Racecadotril Imp .F (EP):</b> Benzyl [(2-benzylprop-2-enyl)amino]acetate		87428-99-7
ACI 180407	<b>Racecadotril Imp .G (EP):</b> Benzyl [(2RS)-2-benzyl-3-sulfanylpropanoyl]amino]acetate		81110-69-2
<b>Ractopamine</b>			
ACI 181011	<b>Ractopamine Impurity:</b> (4-(4-hydroxyphenyl)butan-2-ylazanediy)bis(1-hydroxyethane-2,1-diy)l)diphenol		n/a
<b>Raloxifene</b>			
ACI 180501	<b>Raloxifene Hydrochloride Imp. A (EP):</b> 6-Hydroxy-2-(4-hydroxyphenyl)-7-4-2-(piperidin-1-yl)ethoxy benzoyl-1-benzothiophen-3-yl4-2-(piperidin-1-yl)ethoxy phenylmethanone		1159977-58-8
ACI 180503	<b>Raloxifene Hydrochloride Imp. C (EP):</b> 6-hydroxy-2-(4-hydroxyphenyl)-1-benzothiophen-3-yl4-2-(piperidin-1-yl)ethoxyphenylmethanone N-oxide		195454-31-0
<b>Ramipril</b>			
ACI 180101	<b>Ramipril Imp. A (EP):</b> (2S,3aS,6aS)-1-(2S)-2-(1S)-1-(methoxycarbonyl)-3-phenylpropylaminopropanoyloctahydro cyclopentabpyrrole-2-carboxylic acid		108313-11-7
ACI 180102	<b>Ramipril Imp.B (EP):</b> (2S,3aS,6aS)-1-[(2S)-2-[[[(1S)-1-[(1-methylethoxy)carbonyl]-3-phenylpropyl]amino]propanoyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid. (Ramipril isopropyl ester)		295328-72-2

Code	Product Name	Structure	CAS No.
ACI 180103	<b>Ramipril Imp. C (EP):</b> (2S,3aS,6aS)-1-[(2S)-2-[[[(1S)-3-cyclohexyl-1-(ethoxycarbonyl)-propyl]amino]propanoyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid (hexahydorramipril),		99742-35-5
ACI 180104	<b>Ramipril Imp. D (EP):</b> Ethyl(2S)-2-(3S,5aS,8aS,9aS)-3-methyl-1,4-dioxodecahydro-2H-cyclopenta4,5pyrrolo1,2-apyrazin-2-yl-4-phenyl-butanoate		108731-95-9
ACI 180105	<b>Ramipril Imp. E (EP):</b> (2S,3aS,6aS)-1-[(2S)-2-[[[(1S)-1-carboxy-3-phenylpropyl] amino]propanoyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid (ramipril diacid)		87269-97-4
ACI 180107	<b>Ramipril Imp. G (EP):</b> Methylbenzene		108-88-3
ACI 180108	<b>Ramipril Imp. H (EP) as hydrochloride:</b> (2S,3aS,6aS)-1-[(2S)-2-[[[(1R)-1-(ethoxycarbonyl)-3-phenyl propyl]amino]propanoyl] octahydrocyclopenta[b]pyrrole-2-carboxylic acid hydrochloride ((R,S,S,S,S)-epimer of ramipril),	 x HCl	NA
ACI 180109	<b>Ramipril Imp. I (EP) as Hydrochloride:</b> (2S,3aS,6aS)-1-[(2R)-2-[[[(1S)-1-(ethoxycarbonyl)-3-phenyl propyl]amino]propanoyl] octahydrocyclopenta[b]pyrrole-2-carboxylic acid hydrochloride ((S,R,S,S,S)-epimer of ramipril)	 x HCl	n/a
ACI 180111	<b>Ramipril Imp. K (EP):</b> (2S)-2-(3S,5aS,8aS,9aS)-3-methyl-1,4-dioxodecahydro-2H-cyclopenta4,5pyrrolo1,2-apyrazin-2-yl-4-phenylbutanoic acid		108736-10-3

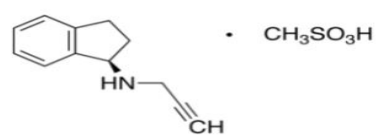
Code	Product Name	Structure	CAS No.
ACI 180113	<b>Ramipril Imp. M (EP):</b> (2R,3R)-2,3-Bis (benzyloxy)butanedioic acid		2743-38-6
ACI 180114	<b>Ramipril Imp. N (EP) as hydrochloride:</b> (2R,3aR,6aR)-1-(2S)-2-(1S)-1-(ethoxycarbonyl)-3-phenyl propylaminopropanoyloctahydrocyclopentabpyrrole-2-carboxylic acid hydrochloride		n/a
ACI 180115	<b>Ramipril Imp. O (EP):</b> Diethyl 2,2'-(2,5-dimethyl-3,6-dioxopiperazine-1,4-diyl)bis(4-phenylbutanoate).		151387-05-2
ACI 180121	<b>Ramipril Impurity as hydrochloride:</b> (2S,3aS,6aS)-Octahydro-cyclopenta[b]pyrrole-2-carboxylic Acid Phenyl methyl Ester hydrochloride		87269-87-2
<b>Ranitidine</b>			
ACI 180200	<b>Ranitidine Hydrochloride:</b> N-[2-[[[5-(Dimethylamino)methyl]furan-2-yl]methyl]sulfonyl] ethyl]-N'-methyl-2-nitroethene-1,1-diamine hydrochloride		66357-59-3
ACI 180201	<b>Ranitidine Hydrochloride Imp. A (EP) :</b> N,N' -Bis[2-[[[5 [(dimethylamino)methyl]furan-2-yl]methyl] sulphanyl]ethyl]-2-nitroethene1,1-diamine		72126-78-4
ACI 180202	<b>Ranitidine Hydrochloride Imp. B (EP) as dioxalate:</b> 2-5-(dimethylamino)methylfuran-2-ylmethylsulfonyl ethanamine dioxalate		n/a

Code	Product Name	Structure	CAS No.
ACI 180203	<b>Ranitidine Hydrochloride Imp. C (EP):</b> N-[2-[[[5-(Dimethylamino)methyl]furan-2-yl]methyl]sulfinyl] ethyl]-N'-methyl-2-nitroethene-1,1-diamine		73851-70-4
ACI 180204	<b>Ranitidine Hydrochloride Imp. D (EP) as sodium salt:</b> N-2-5-(dimethylamino)methylfuran-2-ylmethylsulfanylethyl-2-nitroacetamide Monosodium salt		112251-56-6
ACI 180205	<b>Ranitidine Hydrochloride Imp. E (EP):</b> N-2-5-(dimethyloxidoamino) methylfuran-2-yl methylsulfanyl ethyl-N'-methyl-2-nitroethene-1,1-diamine		73857-20-2
ACI 180206	<b>Ranitidine Hydrochloride Imp. F (EP) as hydrochloride:</b> 5-(dimethylamino)methylfuran-2-ylmethanol hydrochloride		81074-81-9
ACI 180208	<b>Ranitidine Hydrochloride Imp. H (EP) as methylamine salt:</b> N-methyl-2-nitroacetamide methyl amine		NA
ACI 180209	<b>Ranitidine Hydrochloride Imp. I (EP):</b> 2,2'-methylenebisN-2-5-(dimethylamino) methylfuran-2-ylmethylsulfanylethyl-N'-methyl-2-nitroethene-1,1-diamine		207592-21-0
ACI 180210	<b>Ranitidine Hydrochloride Imp. J (EP):</b> 1,1'-N-[methylenebis(sulfanediyethylene)]bis(N'-methyl-2-nitroethene-1,1-diamine)		1331637-48-9

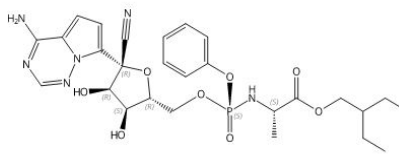
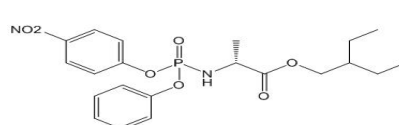
Code	Product Name	Structure	CAS No.
ACI 180211	<b>Ranitidine Hydrochloride Imp. K (EP):</b> N-methyl-1-methylthio-2-nitroethanamine		61832-41-5
ACI 180212	<b>Ranitidine Hydrochloride Impurity:</b> 5-[[[(2-aminoethyl)thio]methyl]-N,N-dimethyl-2-furanmethanamine hemifuamate salt.		256948-32-0
ACI 180221	<b>Ranitidine Hydrochloride Impurity:</b> N, N, N-Trimethyl-5-[[[2-[[1-(methylamino)-2-inoethenyl]amino]ethyl]thio]methyl]-2-Furanmethanaminium iodide		154018-75-4
ACI 180222	<b>Ranitidine Hydrochloride Impurity:</b> 1-[2-[[[5-(Dimethylamino)methyl]-2-furanyl]methyl]thio]ethylamino]-1-methylthio-2-nitroethene		72115-14-1
ACI 140111	<b>Ranitidine Hydrochloride Imp. G (EP):</b> 3-(Methylamino) - 5,6-dihydro-2H-1,4-thiazin-2-one-oxime		148639-72-9
<b>Ranolazine</b>			
ACI 182011	<b>Ranolazine Impurity:</b> N-(2,6-Dimethylphenyl)-2-[4-(2-hydroxy-3-phenoxypropyl)piperazin-1-yl]acetamide dihydrochloride monohydrate		n/a
ACI 182012	<b>Ranolazine Impurity:</b> 2,2'-(Piperazine-1,4-diyl)bis[N-(2,6-dimethylphenyl)acetamide]		380204-72-8

Code	Product Name	Structure	CAS No.
ACI 182013	<b>Ranolazine Impurity :</b> 3,3-(piperazine-1,4-diyl)bis(1-2methoxyphenoxy)propan-2-ol		333749-57-8
ACI 182014	<b>Ranolazine Impurity:</b> 2-[(2-Methoxyphenoxy)methyl]oxirane		2210-74-4
ACI 182015	<b>Ranolazine Impurity:</b> N-(2,6-Dimethylphenyl)-1-piperazineacetamide		5294-61-1

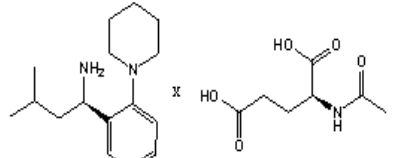
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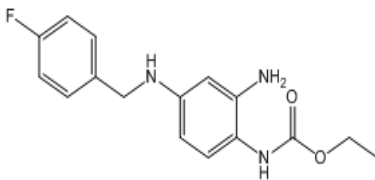
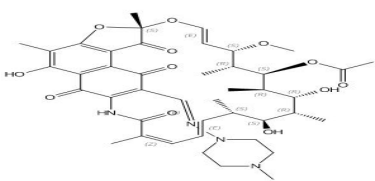
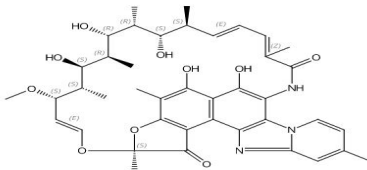
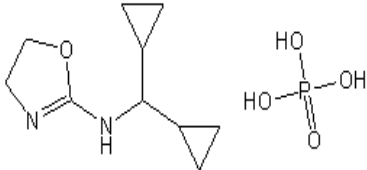
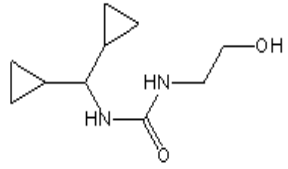
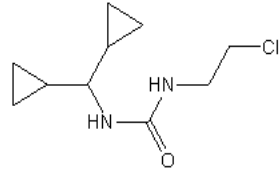
ACI 183100	<b>Rasagiline Mesylate:</b> (1R)-2,3-Dihydro-N-2-propyn-1-yl-1H-inden-1-amine Mesylate		161735-79-1
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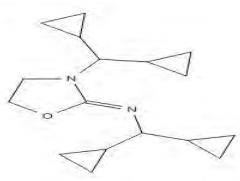
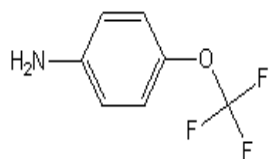
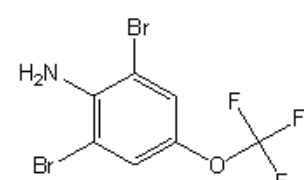
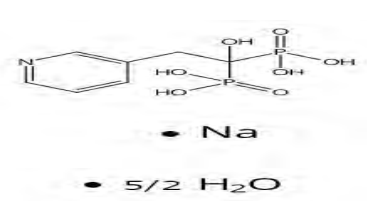
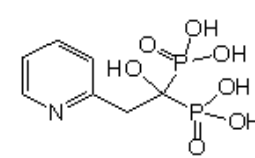
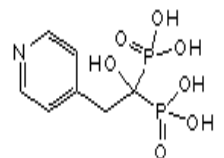
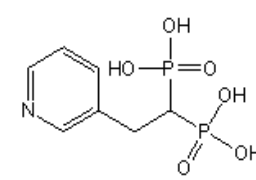
## Remdesivir

ACI 182700	<b>Remdesivir:</b> 2-Ethylbutyl (2S)-2-[[[(S)-[[[(2R,3S,4R,5R)-5-(4-aminopyrrolo(2,1-f)(1,2,4)triazin-7-yl)-5-cyano-3,4-dihydroxytetrahydrofuran-2-yl]methoxy]phenoxyphosphoryl]amino]propanoate		1809249-37-3
ACI 182727	<b>Remdesivir Impurity:</b> N-[(RS)-(4-nitrophenoxy)phenoxyphosphiny]-D-Alanine 2-ethylbutyl ester		NA

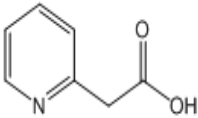
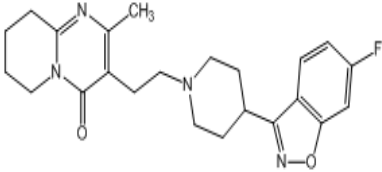
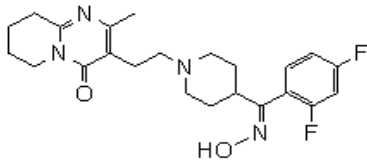
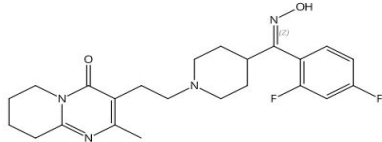
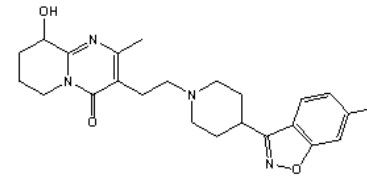
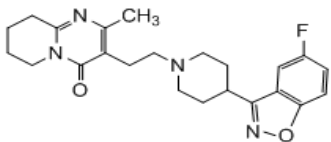
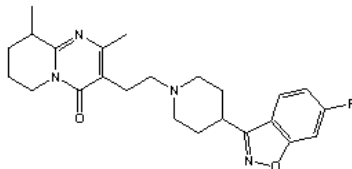
## Repaglinide

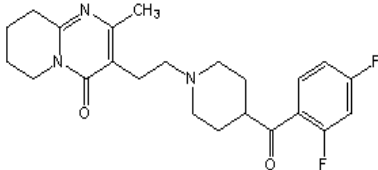
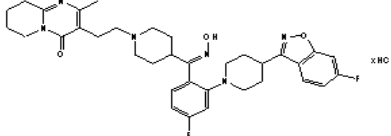
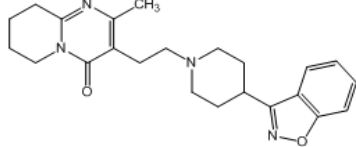
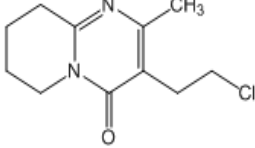
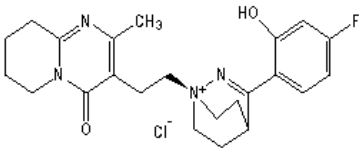
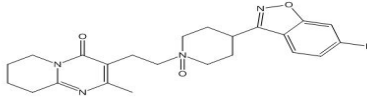
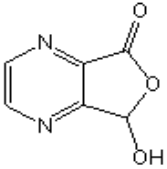
ACI 181811	<b>Repaglinide Impurity:</b> (S)-3-Methyl-1-[2-(1-piperidinyl)phenyl]butylamine, N-acetyl-L-glutamate salt		219921-94-5
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Code	Product Name	Structure	CAS No.
<b>Retigabine</b>			
ACI 182500	<b>Retigabine</b> : N-(2-Amino-4-(4-fluorobenzylamino)phenyl)carbamic Acid Ethyl Ester		150812-12-7
<b>Rifampicin</b>			
ACI 182601	<b>Rifampicin Imp. A (EP)</b> : 1,4-Dideoxy-1,4-dihydro-3-[(E)-[(4-methyl-1-piperaziny)imino]methyl]-1,4-dioxorifamycin		13983-13-6
<b>Rifaximin</b>			
ACI 182421	<b>Rifaximin impurity</b> : Rifaximin desacetyl impurity		80621-88-1
<b>Rilmenidine</b>			
ACI 181500	<b>Rilmenidine dihydrogen phosphate</b> : N-(Dicyclopropylmethyl)-4,5-dihydro-oxazol-2-amine dihydrogen phosphate		85409-38-7
ACI 181501	<b>Rilmenidine dihydrogen phosphate Imp. A (EP)</b> : 1-(dicyclopropylmethyl)-3-(2-hydroxyethyl)urea		54187-44-9
ACI 181502	<b>Rilmenidine dihydrogen phosphate Imp. B (EP)</b> : 1-(2-chloroethyl)-3-(dicyclopropylmethyl)urea		54187-03-0

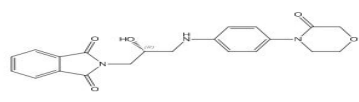
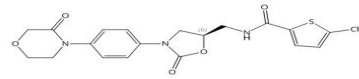
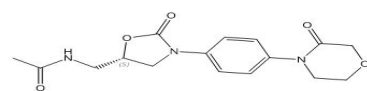
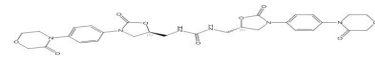
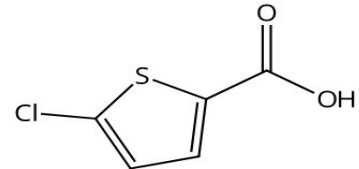
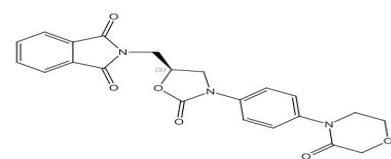
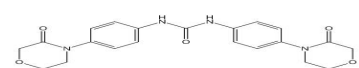
Code	Product Name	Structure	CAS No.
ACI 181503	<b>Rilmenidine dihydrogen phosphate Imp. C (EP):</b> N,3-bis(dicyclopropylmethyl)oxazolidin-2-imine		NA
<b>Riluzole</b>			
ACI 180302	<b>Riluzole Impurity:</b> 4-(Trifluoromethoxy)benzenamine		461-82-5
ACI 180303	<b>Riluzole Impurity:</b> 2,6-Dibromo-4-(trifluoromethoxy)aniline		88149-49-9
<b>Risedronate</b>			
ACI 180800	<b>Risedronate sodium 2.5 hydrate:</b> Sodium hydrogen [1-hydroxy-1-phosphono-2-(pyridin-3-yl)ethyl]phosphonate hemipentahydrate		329003-65-8
ACI 180802	<b>Risedronate sodium 2.5 hydrate Imp. B (Pharmeuropa):</b> 1-Hydroxy-2-(pyridin-2-yl)ethane-1,1-diybis		105462-23-5
ACI 180803	<b>Risedronate sodium 2.5 hydrate Imp. C (Pharmeuropa):</b> 1-Hydroxy-2-(pyridin-4-yl)ethane-1,1-diybis		105462-25-7
ACI 180805	<b>Risedronate sodium 2.5 hydrate Imp. E (Pharmeuropa):</b> 2-(Pyridin-3-yl)ethane-1,1-diybis(phosphonic Acid)		75755-10-1



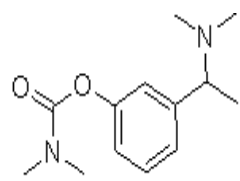
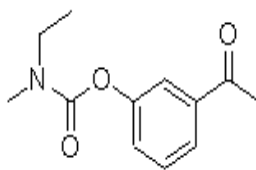
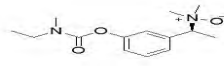
Code	Product Name	Structure	CAS No.
ACI 180811	<b>Risedronate sodium 2.5 hydrate Impurity: 2-Pyridylacetic acid hydrochloride</b>	 <chem>CC(=O)OCC1=CC=NC=C1</chem> x HCl	16179-97-8
<b>Risperidone</b>			
ACI 181100	<b>Risperidone:</b> 3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)piperidin-1-yl]ethyl]-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidin-4-one	 <chem>CN1C=NC(=O)C2=CC=C(C=C2)N1CCN3CCN(C3)CC4=CC=C5C(=O)N5C=C4F</chem>	106266-06-2
ACI 181101	<b>Risperidone Imp A (EP):</b> 3-2-4-(E)-(2,4-difluorophenyl) (hydroxyimino) methylpiperidin-1-ylethyl-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one	 <chem>CN1C=NC(=O)C2=CC=C(C=C2)N1CCN3CCN(C3)CC4=CC=C(C=C4)N(O)=N5C=C(C=C5)F</chem>	691007-09-7
ACI 181102	<b>Risperidone Imp B (EP):</b> 3-2-4-(Z)-(2,4-difluorophenyl) (hydroxyimino)methylpiperidin-1-ylethyl-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one	 <chem>CN1C=NC(=O)C2=CC=C(C=C2)N1CCN3CCN(C3)CC4=CC=C(C=C4)N(O)=N5C=C(C=C5)F</chem>	132961-05-8
ACI 181103	<b>Risperidone Imp C (EP):</b> (9RS)-3-2-4-(6-fluoro-1,2-benzisoxazol-3-yl) piperidin-1-ylethyl-9-hydroxy-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one	 <chem>CN1C=NC(=O)C2=CC=C(C=C2)N1CCN3CCN(C3)CC4=CC=C5C(=O)N5C=C4F</chem>	144598-75-4
ACI 181104	<b>Risperidone Imp D (EP):</b> 3-2-4-(5-fluoro-1,2-benzisoxazol-3-yl)piperidin-1-ylethyl-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one	 <chem>CN1C=NC(=O)C2=CC=C(C=C2)N1CCN3CCN(C3)CC4=CC=C5C(=O)N5C=C4F</chem>	1199589-74-6
ACI 181105	<b>Risperidone Imp E (EP):</b> (6RS)-3-2-4-(6-fluoro-1,2-benzisoxazol-3-yl)piperidin-1-ylethyl-2,6-dimethyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one	 <chem>CN1C=NC(=O)C2=CC=C(C=C2)N1CCN3CCN(C3)CC4=CC=C5C(=O)N5C=C4F</chem>	1346602-28-5

Code	Product Name	Structure	CAS No.
ACI 181108	<b>Risperidone Imp H (EP):</b> 3-2-4-(2,4-Difluorobenzoyl)piperidin-1-ylethyl-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one		158697-67-7
ACI 181110	<b>Risperidone Imp J (EP) as hydrochloride:</b> 3-2-4-(Z)-4-fluoro-2-4-(6-fluoro-1,2-benzisoxazol-3-yl)piperidin-1-ylphenyl(hydroxyimino)methylpiperidin-1-ylethyl-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one hydrochloride		1346606-24-3
ACI 181111	<b>Risperidone Imp K (EP):</b> 3-2-4-(1,2-benzisoxazol-3-yl)piperidin-1-ylethyl-2-methyl-6,7,8,9-tetrahydro-4H-pyrido1,2-apyrimidin-4-one		106266-09-5
ACI 181112	<b>Risperidone Imp L (EP):</b> 3-(2-chloroethyl)-2-methyl-6,7,8,9-tetrahydro-4Hpyrido1,2-apyrimidin-4-one		63234-80-0
ACI 181121	<b>Risperidone Impurity as chloride:</b> Bicyclo risperidone chloride		n/a
ACI 181122	<b>Risperidone Impurity:</b> 3-2-4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-oxido-1-piperidinylethyl-6,7,8,9-tetrahydro-2-methyl-4H-pyrido1,2-apyrimidin-4-one		832747-55-4
ACI 181124	<b>Risperidone Impurity:</b> 7-Hydroxyfuro[3.4-b]pyrazin-5-one (Risperidone PAA Impurity)		n/a

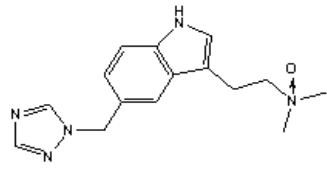
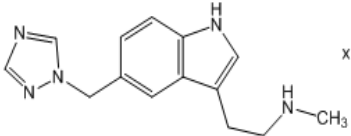
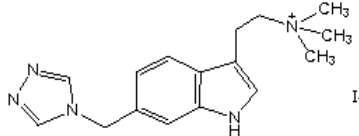
Code	Product Name	Structure	CAS No.
ACI 181126	<b>Risperidone Impurity:</b> (3-{2-[4-(4-Fluoro-2-hydroxy benzoyl)piperidin-1-yl]ethyl}-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidin-4-one hydrochloride)		n/a
ACI 181128	<b>Risperidone Impurity:</b> 5-Fluoro-3-(4-piperidiny)-1,2-benzisoxazole Hydrochloride		84163-16-6
<b>Ritonavir</b>			
ACI 183311	<b>Ritonavir Diamino Alcohol Impurity:</b> (2S,3S,5S)-2,5-diamino-3-hydroxy-1,6-diphenylhexane		144163-44-0
ACI WS-183300	<b>Ritonavir:</b> (3S,4S,6S,9S)-4-Hydroxy-12-methyl-9-(1-methylethyl)-13-[2-(1-methylethyl)-4-thiazolyl]-8,11-dioxo-3,6-bis(phenylmethyl)-2,7,10,12-tetraazatridecanoic Acid 5-Thiazolylmethyl Ester		155213-67-5
<b>Rivaroxaban</b>			
ACI-182810	<b>Rivaroxaban Imp.J(EP) :</b> 5-chloro-N-[4-[(5S)-5-[(5-chlorothiophene-2-carboxamido)methyl]-2-oxo-1,3-oxazolidin-3-yl]phenyl]-N-[2-[2-oxo-2-[[[(5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl]methyl]amino]ethoxy]ethyl]thiophene-2-carboxamide		1632463-24-1
ACI-182815	<b>Rivaroxaban Morpholinone Open-Ring Acid Hydrochloride:</b> 2-[2-[4-[(5S)-5-[[[(5-Chloro-2-thienyl)carbonyl]amino]methyl]-2-oxo-3-oxazolidinyl]phenyl]amino]ethoxy]-acetic Acid Hydrochloride		931117-61-2
ACI-182817	<b>Rivaroxaban Impurity:</b> N,N'-Bis[4-(3-oxo-4-morpholinyl)phenyl]urea		1855920-51-2

Code	Product Name	Structure	CAS No.
ACI-182818	<b>Rivaroxaban Impurity:</b> 2-(2R)-2-hydroxy-3-4-(3-oxomorpholin-4-yl)anilinopropyl-1H-isoindole-1,3(2H)-dione		446292-07-5
ACI 182801	<b>Rivaroxaban Imp.A(EP):</b> 5-chloro-N-[[[(5R)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl]methyl]thiophene-2-carboxamide		865479-71-6
ACI 182802	<b>Rivaroxaban Imp.B(EP):</b> N-[[[(5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl]methyl]acetamide		1429334-00-8
ACI 182804	<b>Rivaroxaban Imp.D(EP):</b> N,N'-bis[[[(5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl]methyl]urea		1365267-35-1
ACI 182806	<b>Rivaroxaban imp.F(EP):</b> 5-chlorothiophene-2-carboxylic acid		24065-33-6
ACI 182807	<b>Rivaroxaban Imp.G(EP):</b> 2-[[[(5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl]methyl]-2H-isoindole-1,3-dione		446292-08-6
ACI 182817	<b>Rivaroxaban Impurity:</b> N,N'-Bis[4-(3-oxo-4-morpholinyl)phenyl]urea		1855920-51-2

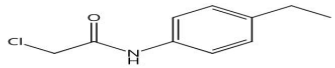
## Rivastigmine

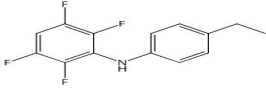
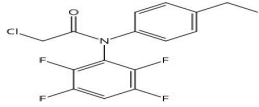
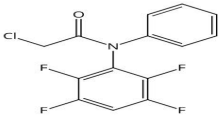
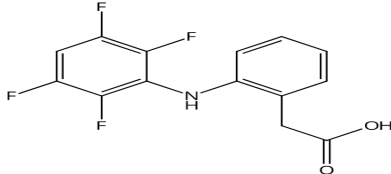

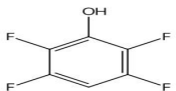
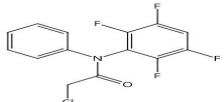
Code	Product Name	Structure	CAS No.
ACI 181902	<b>Rivastigmine Imp. B (EP):</b> 3-[(1S)-1-(dimethylamino)ethyl]phenyl dimethylcarbamate		25081-93-0
ACI 181911	<b>Rivastigmine Imp. B (EP):</b> 3-Acetylphenyl ethyl(methyl)carbamate		855300-09-3
ACI 181912	<b>Rivastigmine N-Oxide:</b> 3-[(1S)-1-(Dimethylamino)Ethyl]phenyl Methyl ethylcarbamate N-Oxide		1369779-37-2

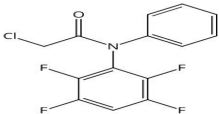
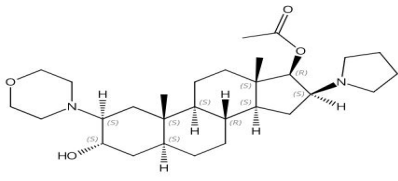
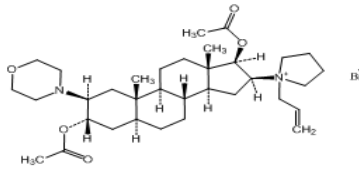
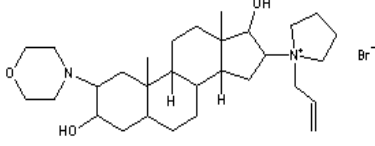
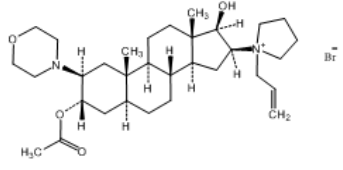
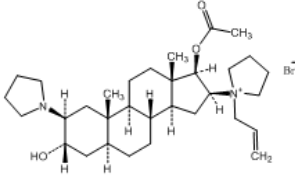
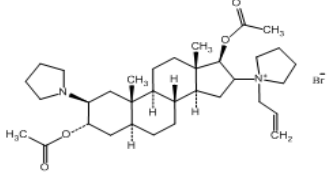
## Rizatriptan

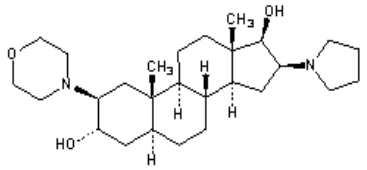
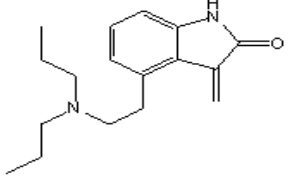
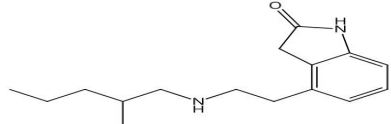
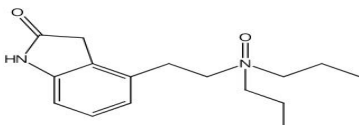
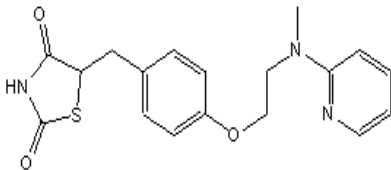
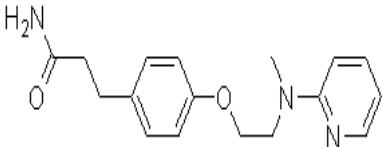
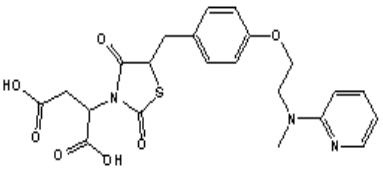
ACI 181408	<b>Rizatriptan benzoate Imp. H (EP):</b> N,N-dimethyl-2-5-(1H-1,2,4-triazol-1-ylmethyl)-1H-indol-3-ylethanamine N-oxide		260435-42-5
ACI 181409	<b>Rizatriptan benzoate Imp. I (EP) as hydrochloride:</b> N-methyl-2-5-(1H-1,2,4-triazol-1-ylmethyl)-1H-indol-3-ylethanamine hydrochloride	 x HCl	144034-84-4
ACI 181421	<b>Rizatriptan benzoate Impurity as iodide:</b> 2-{5-(ClH-1,2,4-Triazole-1-yl)methyl-1H-indol-3-yl}-N,N,N-Trimethyl ethanaminium iodide	 I <sup>-</sup>	n/a

## Robenacaxib

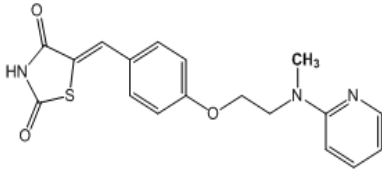
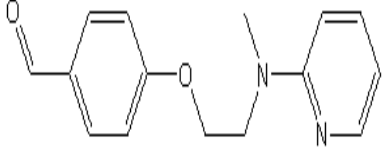
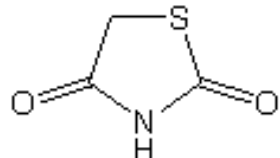
ACI 183411	<b>Robenacaxib Impurity A:</b> 2-Chloro-N-(4-ethylphenyl)acetamide		20172-36-5
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Code	Product Name	Structure	CAS No.
ACI 183412	<b>Robenacaxib Impurity B:</b> N-(4-ethylphenyl)-2,3,5,6-tetrafluoroaniline		332903-60-3
ACI 183413	<b>Robenacaxib Impurity C:</b> 2-chloro-N-(4-ethylphenyl)-N-(2,3,5,6-tetrafluorophenyl)acetamide		332903-68-1
ACI 183415	<b>Robenacaxib Impurity E:</b> 1-(2,3,5,6-tetrafluorophenyl)-1,3-dihydro-2H-indol-2-one		2416256-27-2
ACI 183416	<b>Robenacaxib EP Impurity F:</b> 2-(2,3,5,6-tetrafluorophenyl)aminophenylacetic acid		2192217-92-6
ACI 183418	<b>Robenacaxib Impurity H:</b> 4-ethylaniline		589-16-2
ACI 183419	<b>Robenacaxib Impurity I:</b> 2,3,5,6-Tetrafluorophenol		769-39-1
ACI 183421	<b>Robenacaxib Impurity:</b> 2-Chloro-N-phenyl-N-(2,3,5,6-tetrafluorophenyl)acetamide		2416256-27-2

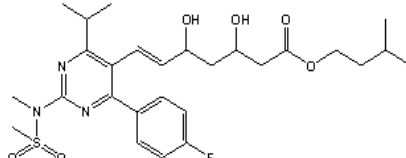
Code	Product Name	Structure	CAS No.
ACI-183415	<b>Robenacaxib Impurity E:</b> 1-(2,3,5,6-tetrafluorophenyl)-1,3-dihydro-2H-indol-2-one		2416256-27-2
<b>Rocuronium</b>			
ACI 181301	<b>Rocuronium Bromide Imp. A (EP):</b> 3 $\alpha$ -hydroxy-2 $\beta$ -(morpholin-4-yl)-16 $\beta$ -(pyrrolidin-1-yl)-5 $\alpha$ -androstan-17 $\beta$ -yl acetate		119302-24-8
ACI 181302	<b>Rocuronium Bromide Imp. B (EP) as bromide:</b> 1-3 $\alpha$ ,17 $\beta$ -diacetoxy-2 $\beta$ -(morpholin-4-yl)-5 $\alpha$ -androstan-16 $\beta$ -yl-1-(prop-2-enyl)pyrrolidinium bromide		122483-73-2
ACI 181303	<b>Rocuronium Bromide Imp. C (EP) as bromide:</b> 1-3 $\alpha$ ,17 $\beta$ -dihydroxy-2 $\beta$ -(morpholin-4-yl)-5 $\alpha$ -androstan-16 $\beta$ -yl-1-(prop-2-enyl)pyrrolidinium bromide		119302-86-2
ACI 181304	<b>Rocuronium Bromide Imp. D (EP) as bromide:</b> 1-3 $\alpha$ -acetoxy-17 $\beta$ -hydroxy-2 $\beta$ -(morpholin-4-yl)-5 $\alpha$ -androstan-16 $\beta$ -yl-1-(prop-2-enyl)pyrrolidinium bromide		1190105-63-5
ACI 181305	<b>Rocuronium Bromide Imp. E (EP):</b> 1-[17 $\beta$ -acetoxy-3 $\alpha$ -hydroxy-2 $\beta$ -(pyrrolidin-1-yl)-5 $\alpha$ -androstan-16 $\beta$ -yl]-1-(prop-2-enyl)pyrrolidinium		1190105-65-7
ACI 181306	<b>Rocuronium Bromide Imp. F (EP) as bromide:</b> 1-3 $\alpha$ ,17 $\beta$ -acetoxy-2 $\beta$ -(pyrrolidin-1-yl)-5 $\alpha$ -androstan-16 $\beta$ -yl-1-(prop-2-enyl)pyrrolidinium bromide		1190105-66-8

Code	Product Name	Structure	CAS No.
ACI 181307	<b>Rocuronium Bromide Imp. G (EP):</b> 2 $\beta$ -(morpholin-4-yl)-16 $\beta$ -(pyrrolidin-1-yl)-5 $\alpha$ -androstane-3 $\alpha$ ,17 $\beta$ -diol		119302-20-4
<b>Ropinirole</b>			
ACI 182111	<b>Ropinirole Impurity:</b> 3- Methylene Ropinirole		n/a
ACI 182112	<b>Ropinirole Impurity:</b> 1,3-Dihydro-4-[2-[(2-methylpentyl amino)ethyl]-2H-Indol-2-one(Ropinirole isohexyl analog)		249622-60-4
ACI 182113	<b>Ropinirole Impurity:</b> 1,3-Dihydro-4-[2-(oxidodipropyl amino)ethyl]-2H-indol-2-one. (Ropinirole N-oxide)		1076199-41-1
<b>Rosiglitazone</b>			
ACI 182300	<b>Rosiglitazone:</b> 5-[[4-[2-(Methyl-2-pyridinylamino)ethoxy]phenyl]methyl]-2,4-thiazolidinedione		122320-73-4
ACI 182301	<b>Rosiglitazone Imp.A (Pharmaeuropa):</b> 3-[4-({2-[Methyl(2-pyridinyl)amino]ethyl}oxy)phenyl]propanamide		1797979-55-5
ACI 182303	<b>Rosiglitazone Imp.C (Pharmaeuropa):</b> 2-(5-[[4-({2-[Methyl(2-pyridinyl)amino]ethyl}oxy)phenyl] methyl]-2,4-dioxo & 1,3-thiazolidin-3-yl)butanedioic acid		n/a

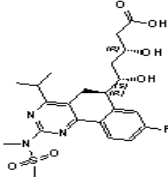
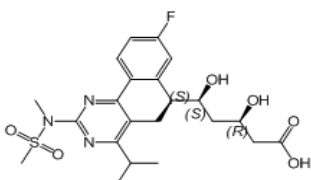
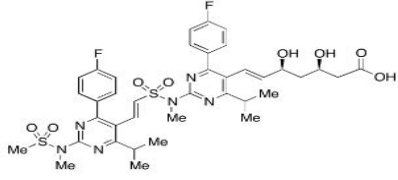


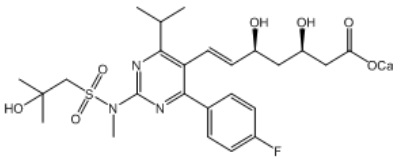
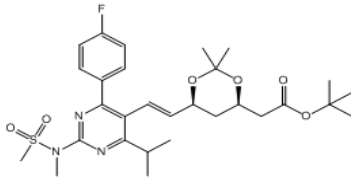
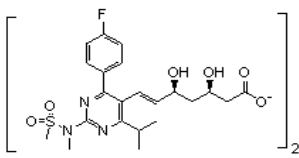
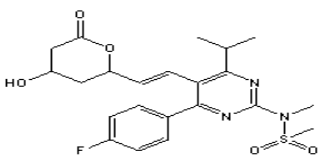
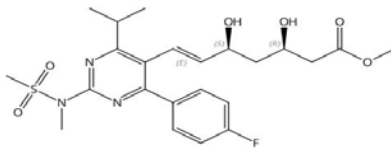
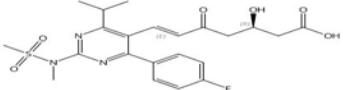
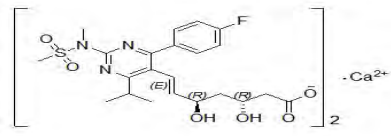
Code	Product Name	Structure	CAS No.
ACI 182311	<b>Rosiglitazone Impurity:</b> (5Z)-5-([4-((2-[Methyl(2-pyridinyl)amino]ethyl)oxy)phenyl) methylidene)-1,3-thiazolidine-2,4-dione		160596-25-8
ACI 182312	<b>Rosiglitazone Impurity:</b> 4-(2-(N-methyl-N-(2-pyridyl))amino)ethoxy benzaldehyde maleate		122321-03-3
ACI 182313	<b>Rosiglitazone Impurity:</b> 2,4-Thiazolidinedione		2295-31-0

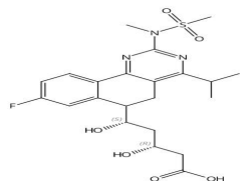
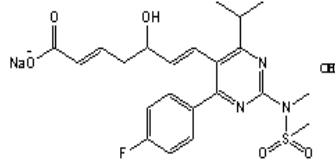
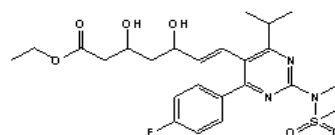
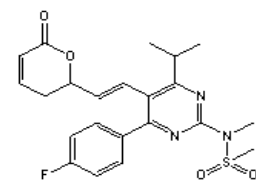
## Rosuvastain

ACI 180613	<b>Rosuvastain Impurity:</b> (3S,5R,6E)-7-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-[N-methyl(methylsulfonyl)amino]-5-pyrimidinyl]-3,5-dihydroxy-6-heptanoic acid, methyl butyl ester (Rosuvastain isoamyl ester)		1197348-98-3
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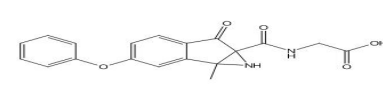
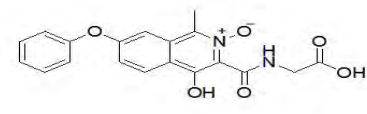
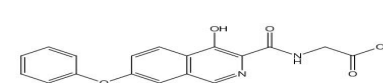
## Rosuvastatin

ACI 180614	<b>Rosuvastatin Impurity:</b> (3R,5S)-5-((R)-8-Fluoro-4-isopropyl-2-(N-methylmethylsulphonamido)-5,6-dihydrobenzo[h]quinazolin-6-yl)-3,5-dihydroxypentanoic acid		854898-48-9
ACI 180615	<b>Rosuvastatin Impurity:</b> (3R,5S)-5-((S)-8-Fluoro-4-isopropyl-2-(N-methylmethylsulphonamido)-5,6-dihydrobenzo[h]quinazolin-6-yl)-3,5-dihydroxypentanoic acid (Rosuvastatin (6S)-isomer)		854898-53-6
ACI 180616	<b>Rosuvastatin EP Impurity J as Sodium salt:</b> (3R,5S,6E)-7-[4-(4-fluorophenyl)-2-[(1E)-2-[4-(4-fluorophenyl)-2-(N-methylmethanesulfonamido)-6-(propan-2-yl)pyrimidin-5-yl]-N-methylethene-1-sulfonamido]-6-(propan-2-yl)pyrimidin-5-yl]-3,5-dihydroxyhept-6-enoic acid sodium		2226413-62-1

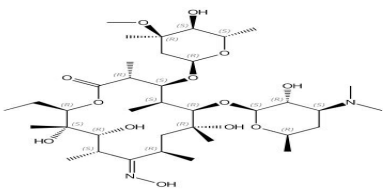
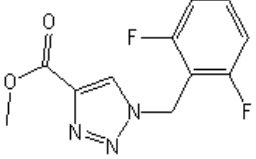
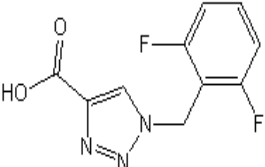
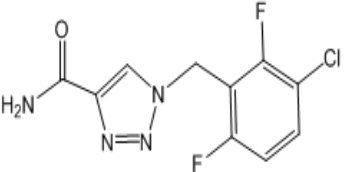
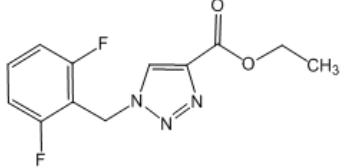
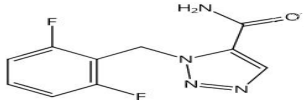
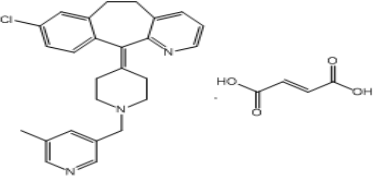
Code	Product Name	Structure	CAS No.
ACI 180621	<b>Rosuvastatin Imp A (EP) as Calcium Salt:</b> (3R,5S,6E)-7-[4-(4-Fluorophenyl)-6-(1-methylethyl)-2-[methyl (2-hydroxy-2-methylpropyl)sulfonyl]amino]-5-pyrimidinyl]-3,5-dihydroxy-6-heptenoic acid calcium salt		n/a
ACI 180626	<b>Rosuvastatin Imp F(EP):</b> Tert-Butyl 6-[(1E)-2-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-[methyl (methylsulfonyl)amino]-5-pyrimidinyl]ethenyl]-2,2-dimethyl-1,3-dioxane-4-acetate		289042-12-2
ACI 180600	<b>Rosuvastatin calcium:</b> Calcium bis[(3R,5S,6E)-7-[4-(4-fluorophenyl)-2-[methyl(methylsulfonyl)amino]-6-(propan-2-yl)pyrimidin-5-yl]-3,5-dihydroxyhept-6-enoate]		147098-20-2
ACI 180601	<b>Rosuvastatin Impurity:</b> N-4-(4-fluorophenyl)-6-(1-methylethyl)-5-(1E)-2-(2S,4R)-tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-ylethenyl-2-pyrimidinyl-N-methylmethanesulfonamide (Rosuvastatin lactone)		503610-43-3
ACI 180602	<b>Rosuvastatin Impurity:</b> Methyl (3R,5S,6E)-7-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-methyl(methylsulfonyl)amino]-5-pyrimidinyl-3,5-dihydroxy-6-heptenoate (Rosuvastatin Methyl Ester)		147118-40-9
ACI 180605	<b>Rosuvastatin Imp. C(EP):</b> (3R,6E)-7-[4-(4-Fluorophenyl)-2-[methyl(methylsulfonyl)amino]-6-(propan-2-yl)pyrimidin-5-yl]-3-hydroxy-5-oxohept-6-enoic Acid		1422619-13-3
ACI 180606	<b>Rosuvastatin diastereomer (Rosuvastatin (3R, 5R)-Isomer Calcium):</b> (3R, 5R, 6E)-7-[4-(4-Fluorophenyl)-6-(1-methylethyl)-2-[methyl (methyl sulfonyl) amino]-5-pyrimidinyl]-3, 5-dihydroxy-6-heptenoic acid calcium salt		1422515-55-6

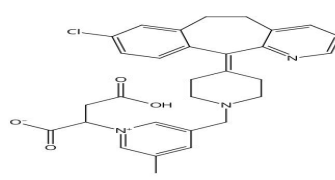
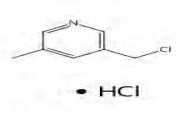
Code	Product Name	Structure	CAS No.
ACI 180608	<b>Rosuvastatin FP-B Impurity:</b> (3R,5S)-5-[(6RS)-8-fluoro-2-(N-methylmethanesulfonamido)-4-(propan-2-yl)-5,6-dihydrobenzo[h]quinazolin-6-yl]-3,5-dihydroxypentanoic acid		1335110-44-5
ACI 180610	<b>Rosuvastatin Impurity as a Sodium salt:</b> Rosuvastatin dehydro sodium		n/a
ACI 180611	<b>Rosuvastatin Impurity:</b> Ethyl 7-4-(4-fluorophenyl)-6-(1-methylethyl)-2-methyl (methylsulfonyl)amino-5-pyrimidinyl-3,5-dihydroxy-6-heptenoate		n/a
ACI 180612	<b>Rosuvastatin Impurity:</b> N-5-(1E)-2-(2S)-3,6-dihydro-6-oxo-2H-pyran-2-ylethenyl-4-(4-fluorophenyl)-6-(1-methylethyl)-2-pyrimidinyl-N-methyl-methanesulfonamide		1246665-85-9

## Roxadustat

ACI 183611	<b>Roxadustat Aziridine:</b> (1a-Methyl-6-oxo-3-phenoxy-1,1a,6,6a-tetrahydroindeno[1,2-b]azirine-6a-carbonyl)glycine		2301113-15-3
ACI 183612	<b>Roxadustat N-Oxide Impurity:</b> 3-((Carboxymethyl)carbamoyl)-4-hydroxy-1-methyl-7-phenoxyisoquinoline 2-oxide		NA
ACI 183613	<b>Roxadustat Desmethyl Impurity:</b> N-[(4-Hydroxy-7-phenoxy-3-isoquinolinyl)carbonyl]glycine		708263-68-7

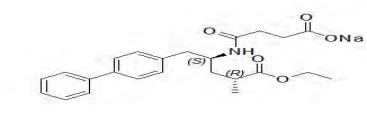
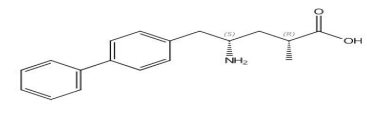
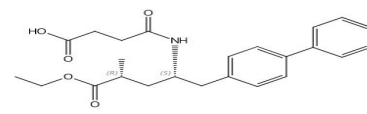
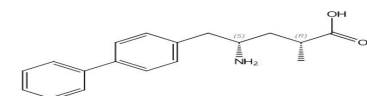
## Roxithromycin

Code	Product Name	Structure	CAS No.
ACI 180903	<b>Roxithromycin Imp. C (EP):</b> Erythromycin 9-(E)-oxime		13127-18-9
<b>Rufinamide</b>			
ACI 181611	<b>Rufinamide Impurity:</b> Methyl 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxylate (Rufinamide Methyl Ester Impurity)		217448-86-7
ACI 181612	<b>Rufinamide Impurity:</b> 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxylic acid		166196-11-8
ACI 181613	<b>Rufinamide Impurity:</b> 1-(3-chloro-2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxamide		n/a
ACI 181614	<b>Rufinamide Impurity:</b> Ethyl 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxylate		869501-51-9
ACI 181615	<b>Rufinamide Impurity:</b> 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-5-carboxamide		1622904-99-7
<b>Rupatadine</b>			
ACI 182200	<b>Rupatadine Fumarate:</b> 8-chloro-11-((5-methylpyridin-3-yl)methyl)piperidin-4-ylidene)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine fumarate		182349-12-8

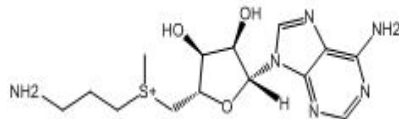
Code	Product Name	Structure	CAS No.
ACI 182201	<b>Rupatadine fumarate Imp.A (EP):</b> 3-[[4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)piperidin-1-yl]methyl]-1-(1,2-dicarboxyethyl)-5-methylpyridin-1-ium		1354055-68-7
ACI 182211	<b>Rupatadine Fumarate Impurity:</b> 3-(Chloromethyl)-5-methylpyridine Hydrochloride	 • HCl	1007089-84-0

Code	Product Name	Structure	CAS No.
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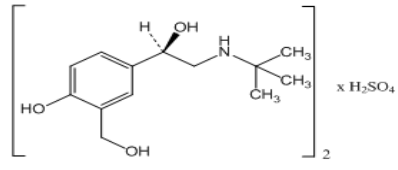
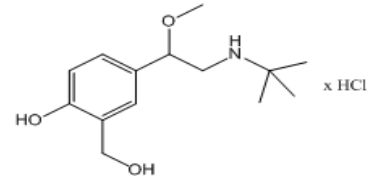
### Sacubitril

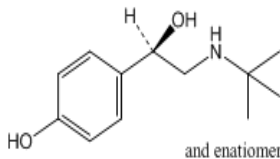
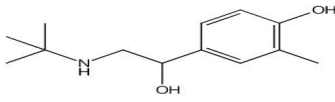
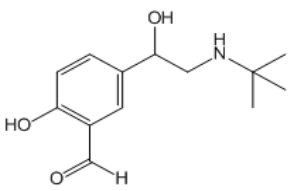
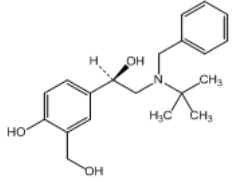
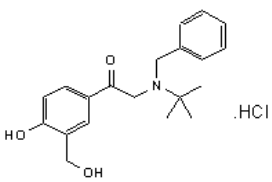
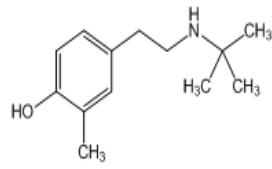
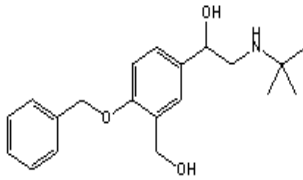
ACI 194300	<b>Sacubitril Sodium:</b> Sodium 4-(((2S,4R)-1-([1,1'-biphenyl]-4-yl)-5-ethoxy-4-methyl-5-oxopentan-2-yl)amino)-4-oxobutanoate		149690-05-1
ACI 194311	<b>Sacubitril Impurity A:</b> (2R, 4S)-4-Amino-2-methyl-5-(4-phenyl phenyl) pentanoic acid		1039307-95-3
ACI 194320	<b>Sacubitril :</b> (2R,4S)-5-(Biphenyl-4-yl)-4-[(3-carboxypropionyl) amino]-2-methylpentanoic acid ethyl ester		149709-62-6
ACI-194311	<b>Sacubitril Impurity A:</b> (2R,4S)-4-Amino-2-methyl-5-(4-phenyl phenyl) pentanoic acid		1039307-95-3

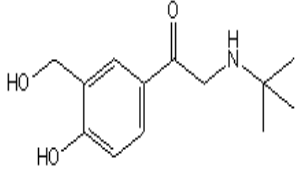
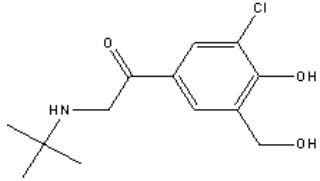
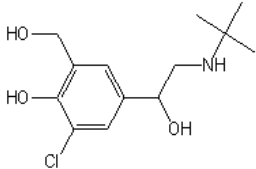
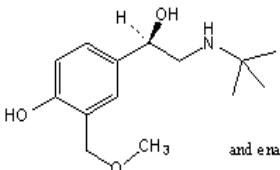
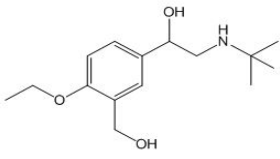
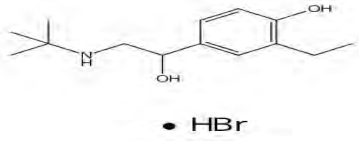
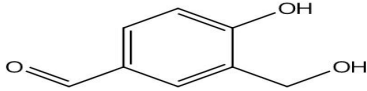
### S-Adenosyl

ACI 193711	<b>S-Adenosyl methionine impurity:</b> 5'-[(3-aminopropyl)methylsulfonio]-5'-deoxy-Adenosine		NA
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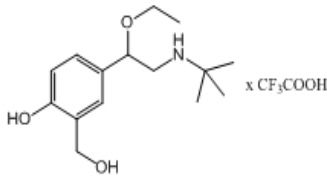
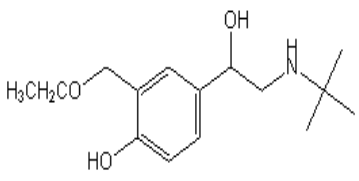
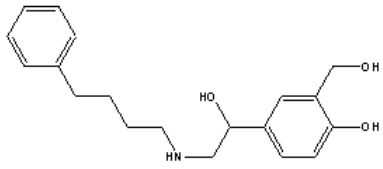
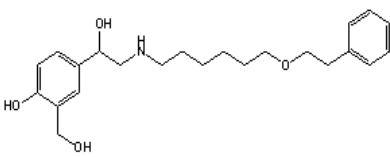
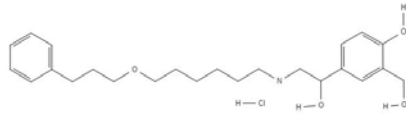
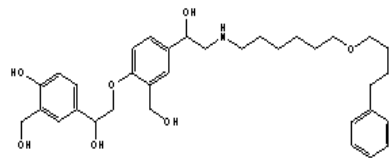
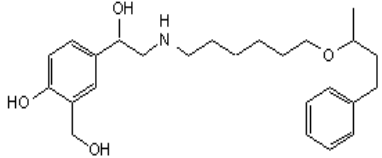
### Salbutamol

ACI 190700	<b>Salbutamol sulfate:</b> Bis[(1RS)-2-[(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanol] sulfate		51022-70-9
ACI 190701	<b>Salbutamol Imp. A (EP) as hydrochloride:</b> 5-[(1RS)-2-[(1,1-dimethylethyl)amino]-1-methoxyethyl]-2-hydroxyphenyl]methanol hydrochloride		n/a

Code	Product Name	Structure	CAS No.
ACI 190702	<b>Salbutamol Imp. B (EP):</b> (1RS)-2-[(1,1-dimethylethyl)amino]-1-(4-hydroxyphenyl)-ethanol	 and enantiomer	96948-64-0
ACI 190703	<b>Salbutamol Imp. C (EP):</b> (1RS)-2-[(1,1-dimethylethyl)amino]-1-(4-hydroxy-3-methyl-phenyl)ethanol		18910-68-4
ACI 190704	<b>Salbutamol Imp. D (EP) as hydrochloride:</b> 5-[(1RS)-2-[(1,1-dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxybenzaldehyde hydrochloride	 x HCl	n/a
ACI 190705	<b>Salbutamol Imp. E (EP):</b> (1RS)-2-[benzyl(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanol		24085-03-8
ACI 190707	<b>Salbutamol Imp. G (EP) as hydrochloride:</b> 2-[benzyl(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanone hydrochloride	 .HCl	24085-08-3
ACI 190708	<b>Salbutamol Imp. H (EP):</b> 4-[2-[(1,1-dimethylethyl)amino]ethyl]-2-methylphenol		132183-64-3
ACI 190709	<b>Salbutamol Imp. I (EP):</b> (1RS)-2-[(1,1-dimethylethyl)amino]-1-[4-(benzyloxy)-3-(hydroxymethyl)phenyl]ethanol		56796-66-8

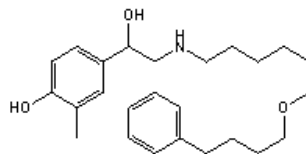
Code	Product Name	Structure	CAS No.
ACI 190710	<b>Salbutamol Imp. J (EP) as hydrochloride:</b> 2-[(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanone (salbutamone) hydrochloride	 x HCl	n/a
ACI 190711	<b>Salbutamol sulfate Imp. K (EP) as hydrobromide salt:</b> 2-[(1,1-dimethylethyl)amino]-1-[3-chloro-4-hydroxy-5-(hydroxymethyl)phenyl]ethanone	 x HBr	n/a
ACI 190712	<b>Salbutamol sulfate Imp. L (EP):</b> (1RS)-2-[(1,1-dimethylethyl)amino]-1-[3-chloro-4-hydroxy-5-(hydroxymethyl)phenyl]ethanol		898542-81-9
ACI 190713	<b>Salbutamol sulfate Imp. M (EP):</b> (1RS)-2-[(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(methoxymethyl)phenyl]ethanol	 and enantiomer	18910-70-8
ACI 190715	<b>Salbutamol sulfate Imp. O (EP) as trifluoroacetate salt:</b> 2-(Tert-butylamino)-1-(4-ethoxy-3-(hydroxymethyl)phenyl)ethanol trifluoroacetate	 x CF <sub>3</sub> COOH	NA
ACI 190717	<b>Salbutamol Impurity as hydrobromide:</b> 4-[(1RS)-2-(tert-Butylamino)-1-hydroxyethyl]-2-ethylphenol Hydrobromide	 • HBr	2731709-15-0
ACI 190718	<b>Salbutamol Impurity:</b> 4-Hydroxy-3-(hydroxymethyl)benzaldehyde		54030-32-9



Code	Product Name	Structure	CAS No.
ACI 190719	<b>Salbutamol Impurity as trifluoroacetic acid salt:</b> 4-((RS)-2-(tert-butylamino)-1-ethoxyethyl)-2-(hydroxymethyl)phenol trifluoroacetic acid		n/a
ACI 190720	<b>Salbutamol Impurity:</b> 4-((R)-2-(tert-butylamino)-1-hydroxyethyl)-2-(ethoxymethyl)phenol		754926-25-5
<b>Salmeterol</b>			
ACI 190801	<b>Salmeterol Xinafoate Imp. A (EP):</b> (1RS)-1-[4-hydroxy-3-(hydroxymethyl)phenyl]-2-[(4-phenylbutyl)amino]ethanol		1798014-51-3
ACI 190802	<b>Salmeterol Xinafoate Imp. B (EP):</b> 1-[4-Hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(2-phenylethoxy)hexyl]amino] ethanol		94749-02-7
ACI 190803	<b>Salmeterol Xinafoate Imp. C (EP) as Hydrochloride:</b> (1RS)-1-[4-hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(3-phenylpropoxy)hexyl]amino]ethanol hydrochloride		NA
ACI 190804	<b>Salmeterol Imp. D (EP):</b> 1-[4-[2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethoxy]-3-(hydroxymethyl)phenyl]-2-[[6-(3-phenylbutoxy) hexyl]amino] ethanol		1391052-04-2
ACI 190805	<b>Salmeterol Imp. E (EP):</b> 1-[4-hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(1-methyl-3-phenylpropoxy)hexyl]amino]ethanol		108928-81-0

Code	Product Name	Structure	CAS No.
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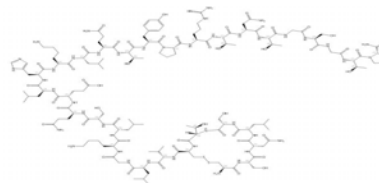
ACI 190806 **Salmeterol Xinafoate Imp. F (EP):** (1RS)-1-(4-Hydroxy-3-methylphenyl)-2-[[6-(4-phenylbutoxy)hexyl]amino]ethanol



1391054-40-2

## Salmon

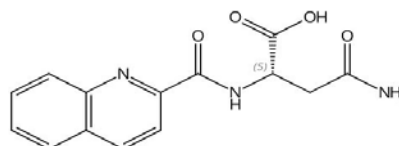
ACI-031900 **Salmon calcitonin acetate:** Tonocalcin



47931-85-1

## Saquinavir

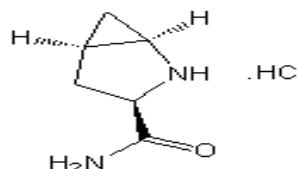
ACI 193101 **Saquinavir mesylate Imp. A (EP):** (2S)-4-amino-4-oxo-2-[(quinolin-2-ylcarbonyl)amino]butanoic acid



136465-98-0

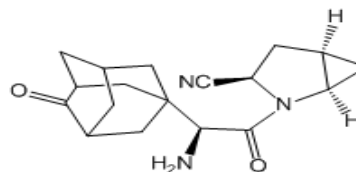
## Saxagliptin

ACI 192811 **Saxagliptin Impurity as Hydrochloride salt:** (1R,3R,5R) 2-Azabicyclo[3.1.0]hexane-3-carboxamide hydrochloride (R-isomer of SXG AMIDE)



n/a

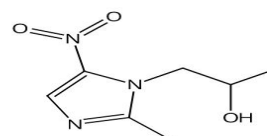
ACI 192812 **Saxagliptin Impurity:** Saxagliptin Keto Impurity



n/a

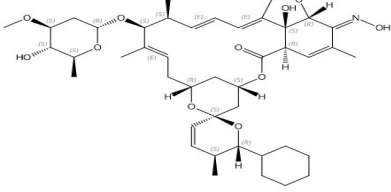
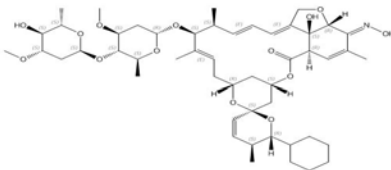
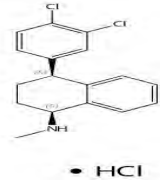
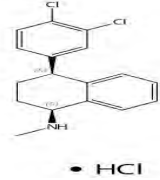
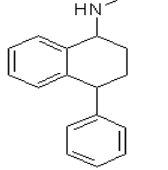
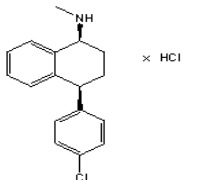
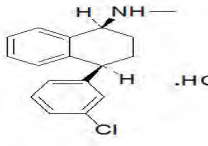
## Secnidazole

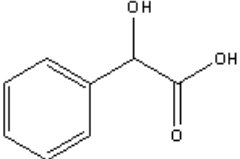
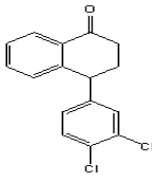
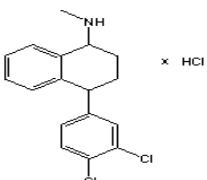
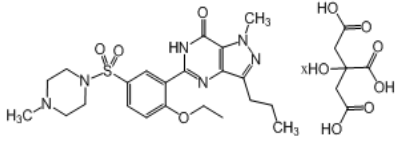
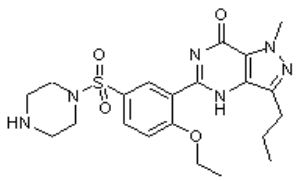
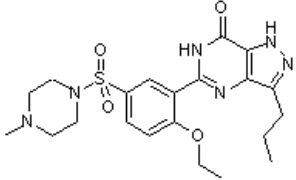
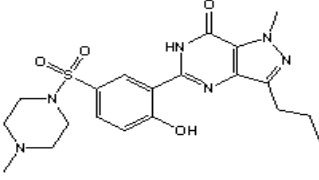
ACI 192100 **Secnidazole:** 1-(2-Methyl-5-nitroimidazol-1-yl)-2-propanol

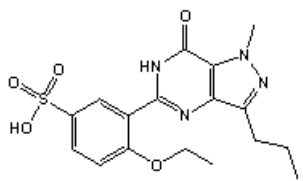
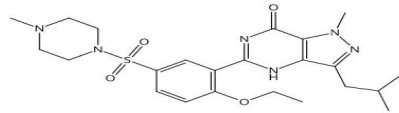
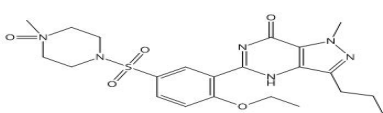
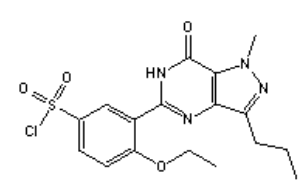
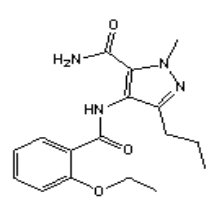
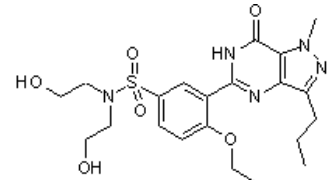
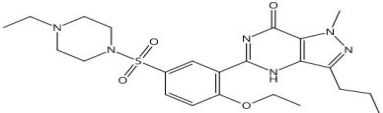


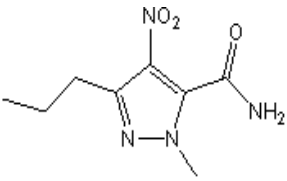
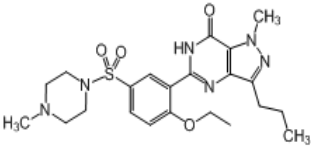
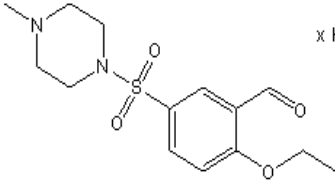
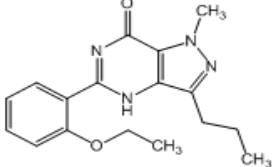
3366-95-8

## Selamectin

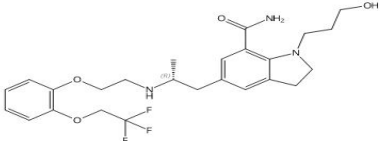
Code	Product Name	Structure	CAS No.
ACI 193302	<b>Selamectin Impurity B(EP)::</b> (2aE,2'S,4E,5'S,6S,6'R,7S,8E,11R,15S,17aR,20Z,20aR,20bS)-6'-cyclohexyl-7-[(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)oxy]-20b-hydroxy-20-(hydroxyimino)-5',6,8,19-tetramethyl-5',6,6',7,10,11,14,15,17a,20,20a,20b-dodecahydrospiro[2H,17H-11,15-methanofuro[4,3,2-pq][2,6]benzodioxacyclooctadecine-13,2'-pyran]-17-one ((5Z,25R)-25-cyclohexyl-4'-O-de(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)-5-demethoxy-25-de(1-methylpropyl)-5-(hydroxyimino)avermectin A1a)		165108-09-8
ACI 193304	<b>Selamectin Impurity D (EP):</b> 25-cyclohexyl-5-demethoxy-25-de(1-methylpropyl)-5-(hydroxyimino)-Avermectin A1a		301849-45-6
<b>Sertraline</b>			
ACI 190500	<b>Sertraline Hydrochloride:</b> (1S,4S)-4-(3,4-Dichlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride	 • HCl	79559-97-0
ACI 190501	<b>Sertraline Hydrochloride Imp. A (EP) as hydrochloride:</b> (1RS,4SR)-4-(3,4-dichlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride	 • HCl	79617-99-5
ACI 190502	<b>Sertraline Hydrochloride Imp. B (EP) as Hydrochloride:</b> (1RS,4RS)-N-methyl-4-phenyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride	 x HCl	52758-05-1
ACI 190503	<b>Sertraline Hydrochloride Imp. C (EP) as hydrochloride:</b> (1RS,4RS)-4-(4-chlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride	 x HCl and enantiomer	79559-98-1
ACI 190504	<b>Sertraline Hydrochloride Imp. D (EP) as Hcl Salt:</b> (1RS,4RS)-4-(3-chlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride	 .HCl	NA

Code	Product Name	Structure	CAS No.
ACI 190505	<b>Sertraline Hydrochloride Imp. E (EP):</b> (2R)-hydroxyphenylacetic acid		611-71-2
ACI 190506	<b>Sertraline Hydrochloride Imp. F (EP):</b> (4R)-4-(3,4-dichloro phenyl)-3,4-dihydronaphthalen-1(2H)-one		79560-19-3
ACI 190507	<b>Sertraline Hydrochloride Imp. G (EP) as hydrochloride:</b> (1R,4R)-4-(3,4-dichlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride		79645-15-1
<b>Sildenafil</b>			
ACI 190300	<b>Sildenafil Citrate:</b> 5-[2-Ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one dihydrogen 2-hydroxypropane-1,2,3-tricarboxylate		171599-83-0
ACI 190301	<b>Sildenafil Citrate Impurity:</b> 1-[[3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]piperazine (Piperazine Desmethylsildenafil)		139755-82-1
ACI 190302	<b>Sildenafil Citrate Impurity:</b> 1-[[3-(4,7-Dihydroxy-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methyl-piperazine		n/a
ACI 190303	<b>Sildenafil Citrate Imp. C (Pharmeuropa):</b> 5-[2-Hydroxy-5-(4-methylpiperazinylsulfonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one		139755-91-2

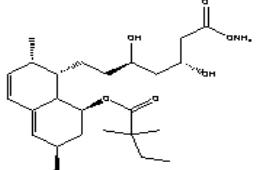
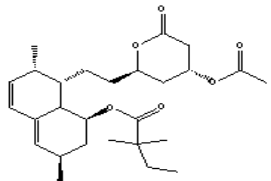
Code	Product Name	Structure	CAS No.
ACI 190304	<b>Sildenafil Citrate Imp. D (Pharmeuropa):</b> 3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxy-benzenesulfonic acid		1357931-55-5
ACI 190311	<b>Sildenafil Citrate Imp. A (Pharmeuropa):</b> 5-[2-Ethoxy-5-(4-methyl-1-piperazinylsulfonyl)phenyl]-1-methyl-3-(2-methyl propyl)-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-7-one		1391053-95-4
ACI 190312	<b>Sildenafil Citrate Imp. B (Pharmeuropa):</b> 5-[2-Ethoxy-5-[(4-methyl-4-oxido-1-piperazinyl)sulfonyl]phenyl]-1-methyl-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-7-one		1094598-75-0
ACI 190313	<b>Sildenafil Citrate Impurity:</b> 3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxy-benzenesulfonyl chloride		139756-22-2
ACI 190314	<b>Sildenafil Citrate Impurity:</b> 4-[(2-ethoxybenzoyl)amino]-1-methyl-3-propyl-1H-pyrazole-5-carboxamide		139756-03-9
ACI 190320	<b>Sildenafil Citrate Impurity:</b> N-[[3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxy phenyl]sulfonyl]-N,N-diethanolamine		n/a
ACI 190321	<b>Sildenafil Citrate Impurity:</b> 5-[2-Ethoxy-5-[(4-ethyl-1-piperazinyl)sulfonyl]phenyl]-1,6-dihydro-1-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one (Homosildenafil)		642928-07-2

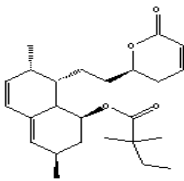
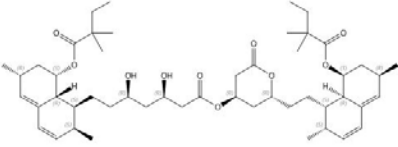
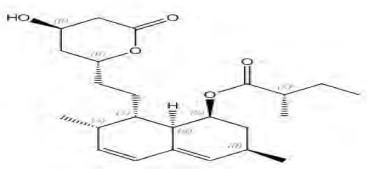
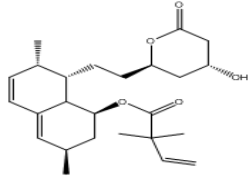
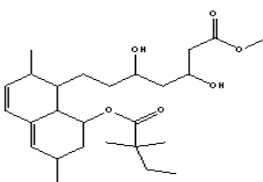
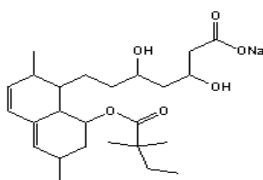
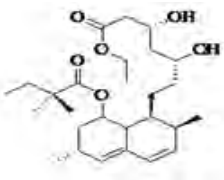
Code	Product Name	Structure	CAS No.
ACI 190322	<b>Sildenafil Citrate Impurity:</b> 1-Methyl-4-nitro-3-propylpyrazole-5-carboxamide		139756-01-7
ACI 190323	<b>Sildenafil Citrate Impurity:</b> 1-[[3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methylpiperazine (Sildenafil free base)		139755-83-2
ACI 190325	<b>Sildenafil Citrate Impurity as hydrochloride:</b> 2-Ethoxy-5-(4-methylpiperazine-1-sulfonyl)-benzaldehyde (1-[[4-Ethoxy-3-formylphenyl]sulfonyl]-4-methylpiperazine) hydrochloride	 x HCl	n/a
ACI 190326	<b>Sildenafil citrate impurity:</b> 5-(2-Ethoxyphenyl)-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]-7-pyrimidinone		139756-21-1

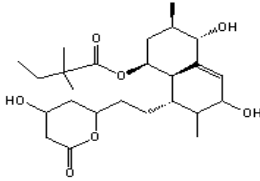
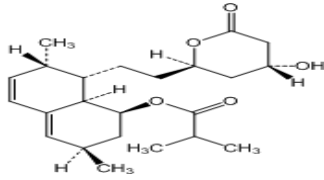
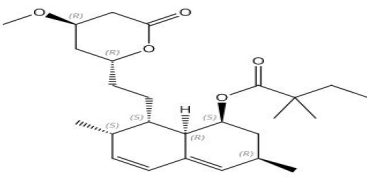
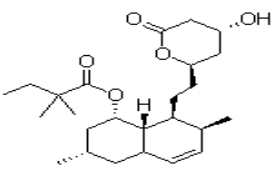
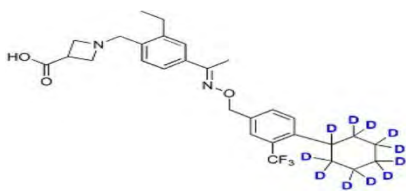
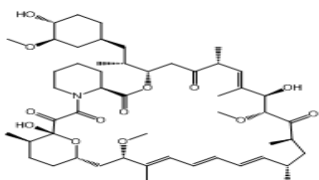
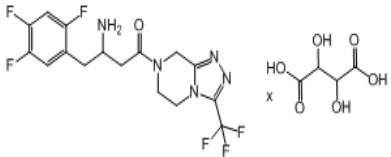
## Silodosin

ACI 194000	<b>Silodosin:</b> 2,3-Dihydro-1-(3-hydroxypropyl)-5-[(2R)-2-[[2-(2,2,2-trifluoroethoxy)phenoxy]ethyl]amino]propyl]-1H-indole-7-carboxamide		160970-54-7
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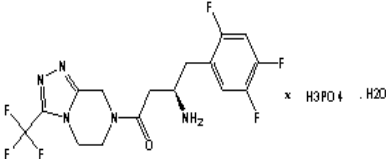
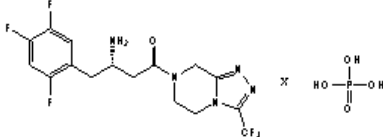
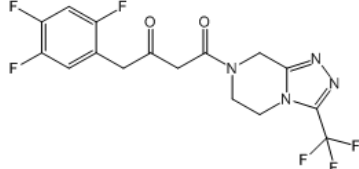
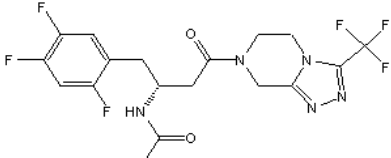
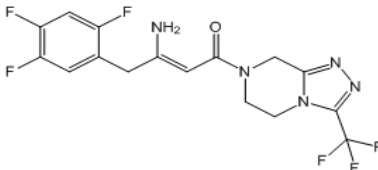
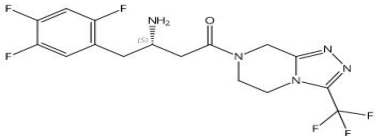
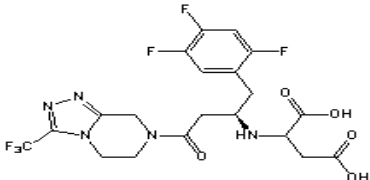
## Simvastatin

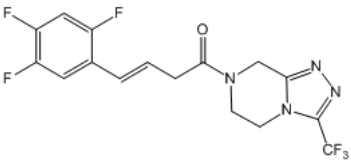
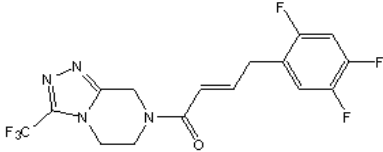
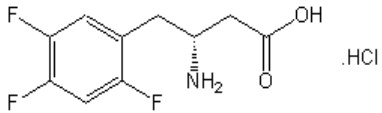
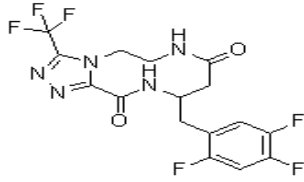
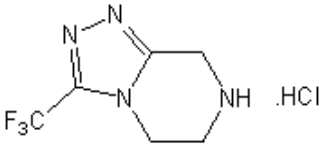
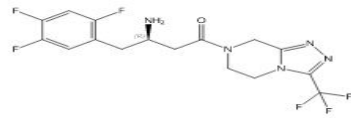
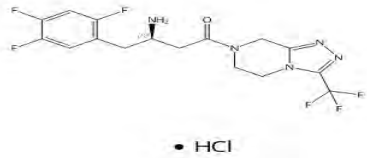
ACI 190201	<b>Simvastatin Imp. A (EP) as Ammonium salt:</b> Simvastatin Hydroxy Acid Ammonium Salt		139893-43-9
ACI 190202	<b>Simvastatin Imp. B (EP):</b> (1S,3R,7S,8S,8aR)-8-[2-[(2R,4R)-4-(acetyloxy)-6-oxotetrahydro-2H-pyran-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl]-2,2-dimethylbutanoate		145576-25-6

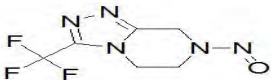
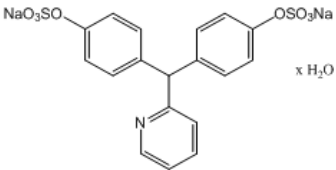
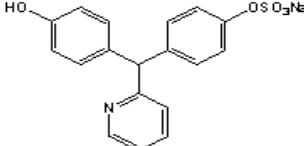
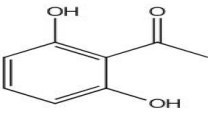
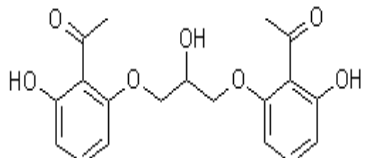
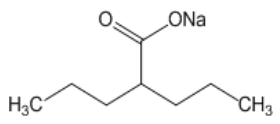
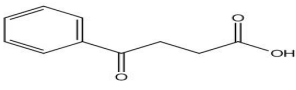
Code	Product Name	Structure	CAS No.
ACI 190203	<b>Simvastatin Imp. C (EP):</b> (1S,3R,7S,8S,8aR)-3,7-dimethyl-8-[2-[(2R)-6-oxo-3,6-dihydro-2H-pyran-2-yl]ethyl]-1,2,3,7,8,8a-hexahydro naphthalen-1-yl 2,2-dimethylbutanoate		210980-68-0
ACI 190204	<b>Simvastatin Imp. D (EP):</b> (2R,4R)-2-[2-[(1S,2S,6R,8S,8aR) -8-[(2,2-dimethylbutanoyl)oxy]-2,6-dimethyl-1,2,6,7,8,8a-hexahydronaphthalen-1-yl]ethyl]-6-oxotetrahydro-2H-pyran-4-yl (3R,5R)-7-[(1S,2S,6R,8S,8aR)-8-[(2,2-dimethylbutanoyl) oxy]-2,6-dimethyl-1,2,6,7,8,8a-hexahydronaphthalen-1-yl]-3,5-dihydroxyheptanoate		476305-24-5
ACI 190205	<b>Simvastatin Imp. E (EP):</b> Lovastatin		75330-75-5
ACI 190207	<b>Simvastatin Imp. G (EP):</b> (1S,3R,7S,8S,8aR)-8-[2-[(2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2,2-dimethylbut-3-enoate.		79902-62-8
ACI 190210	<b>Simvastatin Impurity:</b> Simvastatin methyl ester		145576-26-7
ACI 190211	<b>Simvastatin Imp. A (EP) as Sodium salt:</b> Simvastatin Hydroxy Acid Sodium Salt		101314-97-0
ACI 190212	<b>Simvastatin Impurity:</b> Simvastatin ethyl ester		n/a

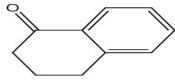
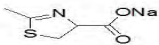
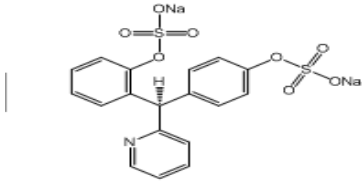
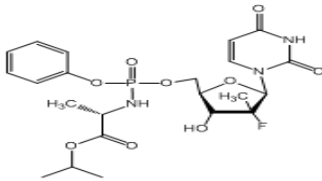
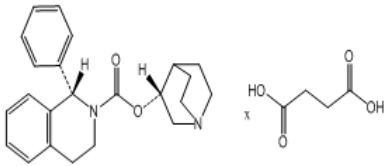
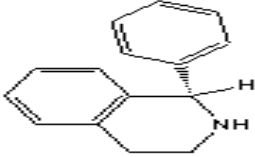
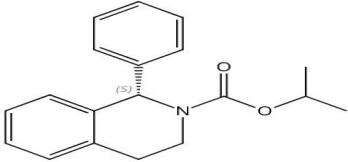
Code	Product Name	Structure	CAS No.
ACI 190213	<b>Simvastatin Impurity: 3(S),5(S), dihydroxy simvastatin</b>		159143-77-8
ACI 190221	<b>Simvastatin Imp.I (EP): (1S,3R,7S,8S,8aR)-8-[2-[(2R,4R)-4-hydroxy-6-oxooxan-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2-methylpropanoate</b>		79902-42-4
ACI 190222	<b>Simvastatin Imp. J (EP): 2,2-Dimethyl-butanoic Acid (1S,3R,7S,8S,8aR)-1,2,3,7,8,8a-Hexahydro-3,7-dimethyl-8-[2-[(2R,4R)-tetrahydro-4-methoxy-6-oxo-2H-pyran-2-yl]ethyl]-1-naphthalenyl Ester</b>		864357-88-0
ACI 190223	<b>Simvastatin Imp. K (EP): (1S,3S,4aR,7S,8S,8aS)-8-(2-[(2R,4R)-4-Hydroxy-6-oxotetrahydro-2H-pyran-2-yl]ethyl)-3,7-dimethyl-1,2,3,4,4a,7,8,8a-octahydronaphthalen-1-yl 2,2-dimethylbutanoate (Simvastatin 4a,5-Dihydro Impurity)</b>		n/a
<b>Siponimod-d11</b>			
ACI 194230	<b>Siponimod-d11: (E)-1-(4-(1-(((4-(Cyclohexyl-d11)-3-(trifluoromethyl)benzyl)oxy)imino)ethyl)-2-ethylbenzyl)azetidine-3-carboxylic acid</b>		1230487-00-9 (non-d)
<b>Sirolimus</b>			
ACI 192900	<b>Sirolimus (Rapamycin): (1R,9S,12S,15R,16E,18R,19R,21R,23S,24E,26E,28E,30S,32S,35R)-1,18-dihydroxy-12-((2R)-1-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-2-propanyl)-19,30-dimethoxy-15,17,21,23,29,35-hexamethyl-11,36-dioxo-4-azatricyclo[30.3.1.0~4,9~]hexatria conta-16,24,26,28-tetraene-2,3,10,14,20-pentone</b>		53123-88-9
<b>Sitagliptin</b>			
ACI 192700	<b>Sitagliptin Tartrate: (3R)-3-Amino-1-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)butan-1-one tartrate monohydrate</b>		n/a

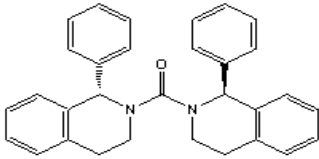
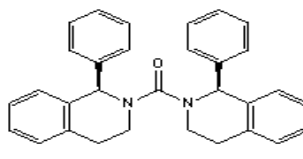
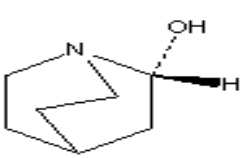
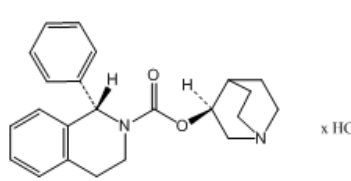
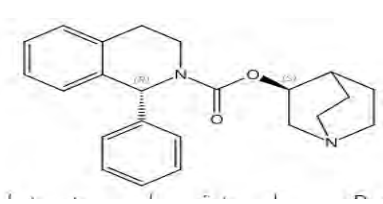
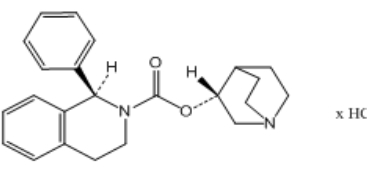
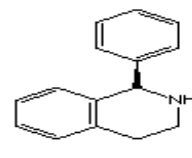


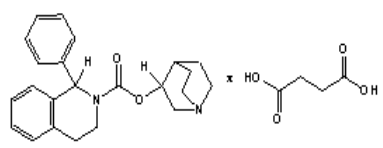
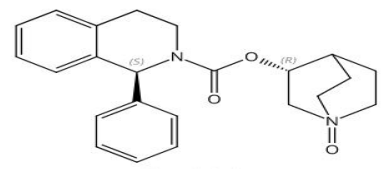
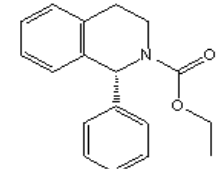
Code	Product Name	Structure	CAS No.
ACI 191400	<b>Sitagliptin Phosphate monohydrate:</b> (3R)-3-Amino-1-[3-(trifluoromethyl)-5,6-dihydro[1,2,4] triazolo [4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)butan-1-one phosphate monohydrate		654671-77-9
ACI 191401	<b>Sitagliptin Impurity as phosphate salt:</b> 7-[(3S)-3-amino-1-oxo-4-(2,4,5-trifluorophenyl)butyl]-5,6,7,8-tetrahydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazine phosphate		n/a
ACI 191402	<b>Sitagliptin Impurity:</b> 7-[1,3-dioxo-4-(2,4,5-trifluorophenyl)butyl]-5,6,7,8-tetrahydro-3-(trifluoromethyl)-1,2,4-Triazolo[4,3-a]pyrazine		764667-65-4
ACI 191403	<b>Sitagliptin Impurity:</b> Acetamide, N-[(1R)-3-[5,6-dihydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazin-7(8H)-yl]-3-oxo-1-[(2,4,5-trifluorophenyl)methyl]propyl]-		1379666-94-0
ACI 191404	<b>Sitagliptin Impurity:</b> 1,2,4-Triazolo[4,3-a]pyrazine, 7-[(2Z)-3-amino-1-oxo-4-(2,4,5-trifluorophenyl)-2-butenyl]-5,6,7,8-tetrahydro-3-(trifluoromethyl)		767340-03-4
ACI 191405	<b>Sitagliptin Impurity:</b> (S)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one [Sitagliptin S-isomer (as free base)]		823817-55-6
ACI 191406	<b>Sitagliptin Phosphate Impurity:</b> 2-[[[(2R)-4-oxo-4-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-1-(2,4,5-trifluorophenyl)butan-2-yl]amino]butanedioic acid(Mixture of Diastereomers)		2088771-60-0

Code	Product Name	Structure	CAS No.
ACI 191407	<b>Sitagliptin Phosphate Impurity:</b> (3E)-1-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)but-3-en-1-one (Sitagliptin styrylacetyl analog)		1675201-14-5
ACI 191408	<b>Sitagliptin Phosphate Impurity:</b> (2E)-1-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)but-2-en-1-one (Sitagliptin phenylcrotonyl analog)		n/a
ACI 191409	<b>Sitagliptin Phosphate Impurity as hydrochloride salt:</b> (R)-3-Amino-4-(2,4,5-trifluorophenyl)butanoic acid Hydrochloride (Sitagliptin acid)		1204818-19-8
ACI 191410	<b>Sitagliptin Triazecine Analog:</b> 10-(2,4,5-Trifluorobenzyl)-3-(trifluoromethyl)-6,7,10,11-tetrahydro-[1,2,4]triazolo[3,4-c][1,4,7]triazecine-8,12(5H,9H)-dione		n/a
ACI 191411	<b>Sitagliptin Phosphate Impurity as Hydrochloride salt:</b> 3-(Trifluoromethyl)-5,6,7,8-tetrahydro-1,2,4-triazolo[4,3-a]Pyrazine Hydrochloride [Triazolopyrazine]		762240-92-6
ACI 191420	<b>Sitagliptin base:</b> (3R)-3-Amino-1-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)butan-1-one		486460-32-6
ACI 191421	<b>Sitagliptin Hydrochloride:</b> (3R)-3-Amino-1-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)butan-1-one hydrochloride		486459-71-6

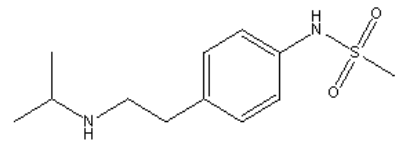
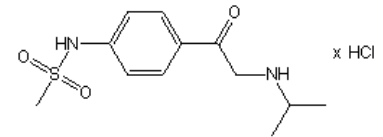
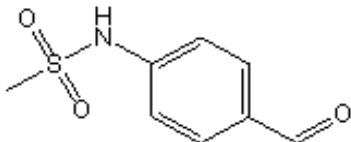
Code	Product Name	Structure	CAS No.
ACI 191425	<b>Sitagliptin Nitrosoamine impurity:</b> 7-Nitroso-3-(Trifluoromethyl)-5,6,7,8-tetrahydro-[1,2,4]triazolo[4,3-a]pyrazine		NA
<b>Sodium</b>			
ACI 191300	<b>Sodium picosulfate:</b> 4,4'-[(Pyridin-2-yl)methylene]diphenyl bis(sodium sulfate) monohydrate		n/a
ACI 191301	<b>Sodium picosulfate Imp. A (EP) as sodium sulfate:</b> 4-[(RS)-(4-Hydroxyphenyl)(pyridin-2-yl)methyl]phenyl sodium sulfate		32500-19-9
ACI 190401	<b>Sodium Cromoglicate Imp. A (EP):</b> 1-(2,6-dihydroxyphenyl)ethanone		699-83-2
ACI 190402	<b>Sodium Cromoglicate Impurity:</b> 1,3-Bis-(2-acetyl-3-hydroxyphenoxy)-2-propanol		16150-44-0
ACI 220230	<b>Sodium valproate:</b> 2-Propylpentanoic acid sodium		1069-66-5
ACI-194601	<b>Sodium phenylbutyrate Imp.A(EP):</b> 3-benzoylpropionic acid; 4-oxo-4-phenylbutanoic acid		2051-95-8

Code	Product Name	Structure	CAS No.
ACI-194602	<b>Sodium phenylbutyrate Imp.B(EP):</b> 3,4-dihydronaphthalen-1(2H)-one ( $\alpha$ -tetralone)		529-34-0
ACI-R13011	<b>Sodium 2-Methyl-4,5-dihydro-1,3-thiazole-4-carboxylate</b> : 2-Methyl-2-thiazoline-4-carboxylic Acid Sodium Salt		15058-19-2
<b>Sodiun</b>			
ACI 191303	<b>Sodiun Picosulfate Imp.C (EP):</b> 2-[(RS)-(pyridin-2-yl)[4-(sulfonatoxy)phenyl]methyl]phenyl disodium sulfate		n/a
<b>Sofosbuvir</b>			
ACI 192600	<b>Sofosbuvir:</b> Isopropyl (2S)-2-[(2R,3R,4R,5R)-5-(2,4-dioxypyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetra hydro furan-2-yl][methoxy-phenoxy-phosphoryl] amino]propionate		1190307-88-0
<b>Solifenacin</b>			
ACI 192000	<b>Solifenacin Succinate:</b> (3R)-1-Azabicyclo[2.2.2]oct-3-yl (1S)-1-phenyl-3,4-dihydro isoquinoline-2(1H)-carboxylate butanedioate		242478-38-2
ACI 192001	<b>Solifenacin Succinate Imp A (Pharmeuropa):</b> (1S)-1-Phenyl-1,2,3,4-tetrahydro- Iso-quinoline		118864-75-8
ACI 192002	<b>Solifenacin Succinate Imp B (Pharmeuropa):</b> Propan-2-yl (1S)-1-phenyl-3,4-dihydroisoquinoline-2(1H)-carboxylate		1353274-25-5

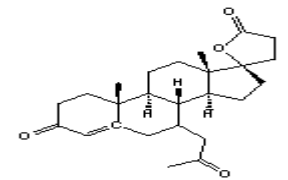
Code	Product Name	Structure	CAS No.
ACI 192003	<b>Solifenacin Succinate Imp C (Pharmeuropa):</b> Bis[(1S)-1-phenyl-3,4-dihydroisoquinolin-2(1H)-yl]methanone		1534326-81-2
ACI 192004	<b>Solifenacin Succinate Imp D (Pharmeuropa):</b> [(1R)-1-Phenyl-3,4-dihydroisoquinolin-2(1H)-yl][(1S)-1-phenyl-3,4-dihydroisoquinolin-2(1H)-yl]methanone		n/a
ACI 192005	<b>Solifenacin Succinate Imp E (Pharmeuropa):</b> (3R)-1-azabicyclo[2.2.2]octan-3-ol		25333-42-0
ACI 192011	<b>Solifenacin Succinate Imp H as hydrochloride (Pharmeuropa):</b> (1S)-(3S)-1-azobicyclo[2,2,2]oct-3yl-3,4-dihydro-1-phenyl-12(1H)-isoquinolinecarboxylate compound with butanedioic acid (1:1) hydrochloride		n/a
ACI 192012	<b>Solifenacin Succinate Imp F (Pharmeuropa):</b> (1R)-(3S)-1-azobicyclo[2,2,2]oct-3yl-3,4-dihydro-1-phenyl-2(1H)-isoquinolinecarboxylate		774517-20-3
ACI 192013	<b>Solifenacin Succinate Imp G as hydrochloride (Pharmeuropa):</b> (1R)-(3R)-1-azobicyclo[2,2,2]oct-3yl-3,4-dihydro-1-phenyl-12(1H)-isoquinolinecarboxylate hydrochloride		n/a
ACI 192014	<b>Solifenacin Succinate Impurity:</b> (1R)-1-Phenyl-1,2,3,4-tetrahydro- Iso-quinoline		180272-45-1

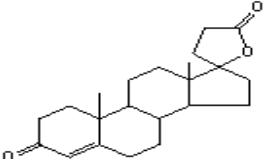
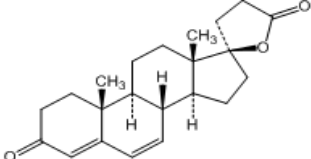
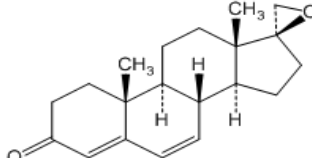
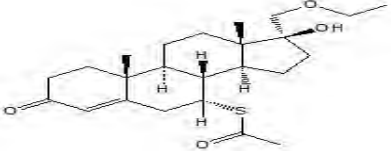
Code	Product Name	Structure	CAS No.
ACI 192016	<b>Solifenacin Succinate Impurity as succinate salt:</b> Racemic Solifenacin Succinate		n/a
ACI 192017	<b>Solifenacin Succinate Impurity: (1S)-3,4-dihydro-1-phenyl-2(1H)-isoquinoline carboxylic Acid (3R)-1-Oxido-1-azabicyclo[2.2.2]oct-3-yl Ester (Solifenacin N-oxide)</b>		180272-28-0
ACI 192018	<b>Solifenacin Succinate Impurity: (1S)-Ethyl-1-phenyl-1,2,3,4-tetrahydro-2-isoquinoline carboxylate</b>		180468-42-2

## Sotalol

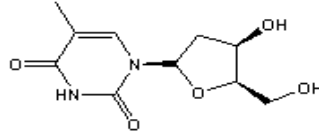
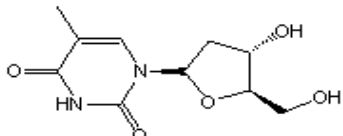
ACI 190601	<b>Sotalol Hydrochloride Imp. A (EP):</b> N-[4-[2-[(1-methylethyl) amino]ethyl]phenyl] methane- sulfonamide		16974-42-8
ACI 190602	<b>Sotalol Hydrochloride Imp. B (EP) as hydrochloride:</b> N-[4-[[[(1-Methylethyl)amino]acetyl]phenyl]-methane-sulphonamide hydrochloride		5576-49-8
ACI 190603	<b>Sotalol Hydrochloride Imp. C (EP):</b> N-(4-Formylphenyl)-methanesulphonamide		83922-54-7

## Spirolactone

ACI 191900	<b>Spirolactone:</b> (2'R)-7a-(Acetylsulfanyl)-3',4'-dihydro-5'H-spiro[androst-4-ene-17,2'-furan]-3,5'-dione		52-01-7
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Code	Product Name	Structure	CAS No.
ACI 191903	<b>spironolactone Imp. C (EP):</b> (2'R)-3',4'-dihydro-5'H-spiro [androst-4-ene-17,2'-furan]-3,5'-dione (aldone)		976-70-5
ACI 191906	<b>spironolactone Imp. F (EP):</b> (2'R)-3',4'-dihydro-5'H-spiro [androst-4,6-diene-17,2'-furan]-3,5'-dione		976-71-6
ACI 191908	<b>spironolactone Imp. H (EP):</b> (2'S)-spiro[androst-4,6-diene-17,2'-oxiran]-3-one		53866-24-3
ACI 191909	<b>spironolactone Imp. I (EP):</b> S-[17alpha-(ethoxymethyl)-17-hydroxy-3-oxoandrost-4-en-7a-yl] ethanethioate		NA

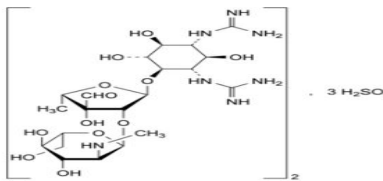
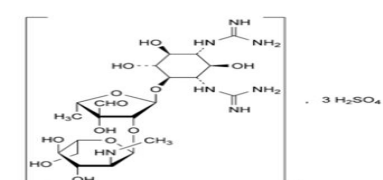
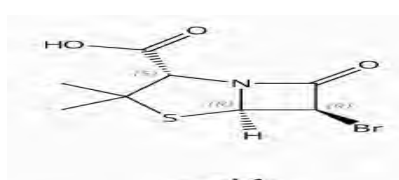
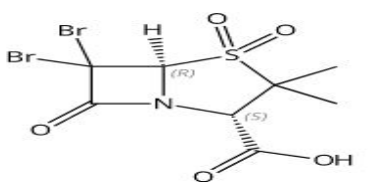
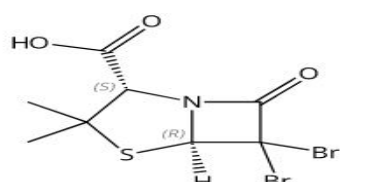
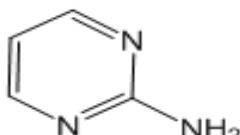
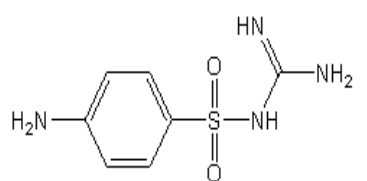
## Stavudine

ACI 191002	<b>Stavudine Imp. B (EP):</b> 1-(2-Deoxy-β-d-threo-pentofuranosyl)-5-methylpyrimidine-2,4(1H,3H)-dione		16053-52-4
ACI 191003	<b>Stavudine Imp. C (EP):</b> 1-(2-Deoxy-β-D-erythro-pentofuranosyl)-5-methylpyrimidine-2,4(1H,3H)-dione		50-89-5

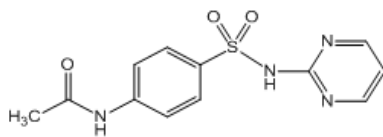
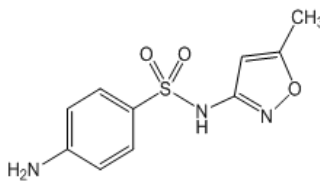
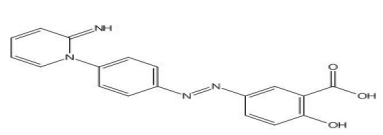
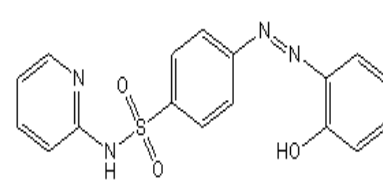
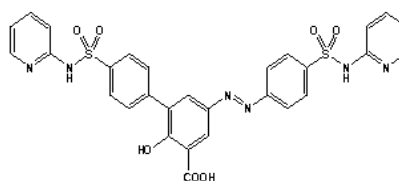
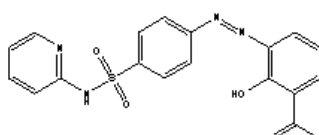
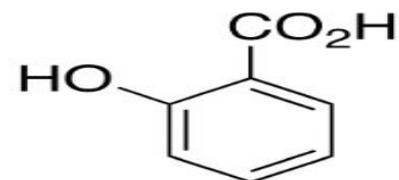
## Stigmasterol

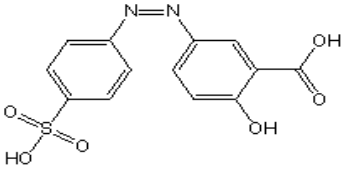
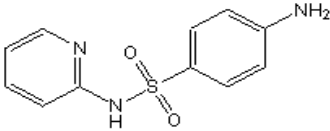
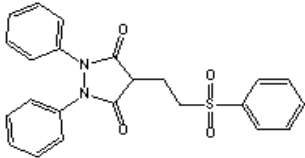
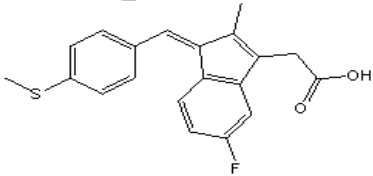
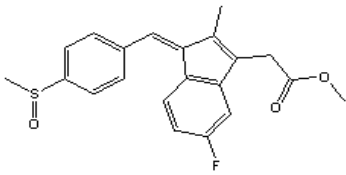
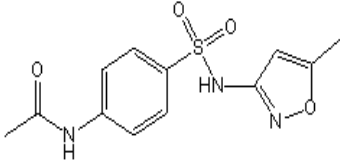
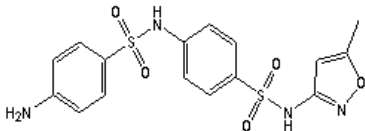
ACI 193900	<b>Stigmasterol</b> : (3β,22E)-Stigmasta-5,22-dien-3-ol		83-48-7
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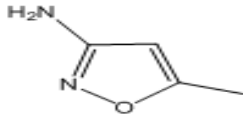
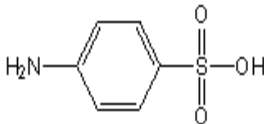
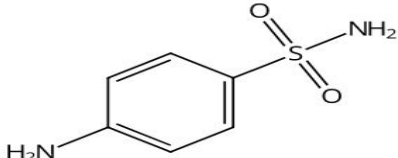
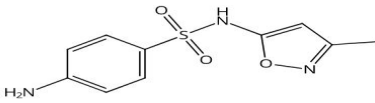
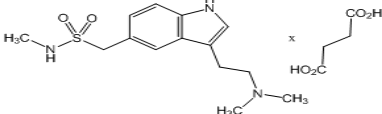
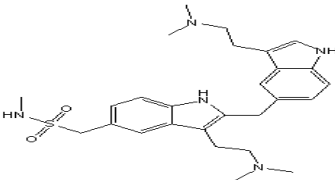
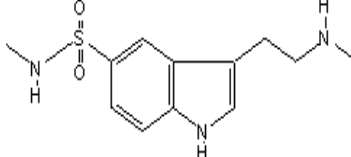
## Streptomycin

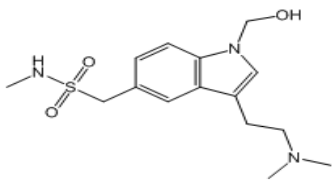
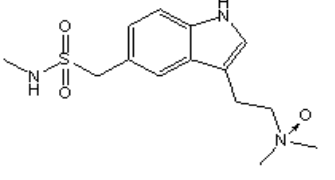
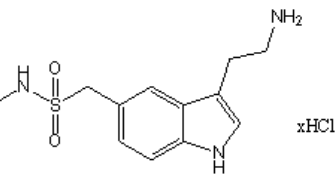
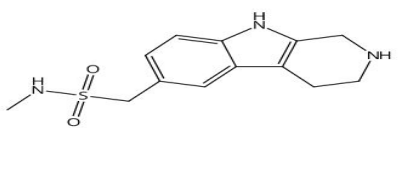
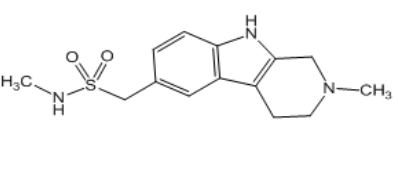
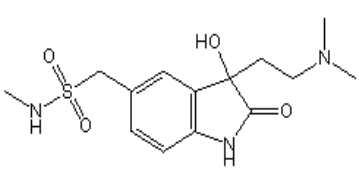
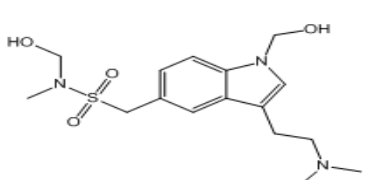
Code	Product Name	Structure	CAS No.
ACI 192400	<b>Streptomycin sulfate:</b> bis[N,N'-bis(aminoiminomethyl)-4-O-[5-deoxy-2-O-[2-deoxy-2-(methylamino)- $\alpha$ -l-glucopyranosyl]-3-C-formyl- $\alpha$ -l-lyxofuranosyl]-d-streptamine] trisulfate		3810-74-0
ACI 192400 WS	<b>Streptomycin sulfate:</b> bis[N,N'-bis(aminoiminomethyl)-4-O-[5-deoxy-2-O-[2-deoxy-2-(methylamino)- $\alpha$ -l-glucopyranosyl]-3-C-formyl- $\alpha$ -l-lyxofuranosyl]-d-streptamine] trisulfate		3810-74-0
<b>Sulbactam</b>			
ACI 193804	<b>Sulbactam related substance D:</b> Potassium (2S,5R,6R)-6-bromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate		4027-64-9
ACI 193805	<b>Sulbactam related substance E:</b> (2S,5R)-6,6-dibromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide		76646-91-8
ACI 193806	<b>Sulbactam related substance F:</b> (2S,5R)-6,6-dibromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid		24158-88-1
<b>Sulfadiazine</b>			
ACI 192201	<b>Sulfadiazine Imp. A (EP):</b> pyrimidin-2-amine		109-12-6
ACI 192203	<b>Sulfadiazine Imp. C (EP):</b> [(4-aminophenyl)sulfonyl]guanidine		57-67-0



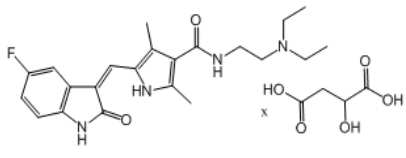
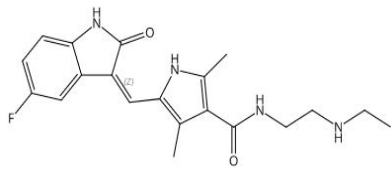
Code	Product Name	Structure	CAS No.
ACI 192205	<b>Sulfadiazine Imp. E (EP):</b> N-[4-(pyrimidin-2-ylsulfamoyl)phényl]acétamide		127-74-2
<b>Sulfamethoxazole</b>			
ACI 191800	<b>Sulfamethoxazole:</b> 4-Amino-N-(5-methylisoxazol-3-yl)benzenesulfonamide.		723-46-6
<b>Sulfasalazine</b>			
ACI 191703	<b>Sulfasalazine Impurity C (EP):</b> 2-hydroxy-5-[2-[4-(2-aminopyridin-1(2H)-yl)phényl]diazényl] benzoic acid		66030-25-9
ACI 191704	<b>Sulfasalazine Impurity D (EP):</b> 4-[2-(2-hydroxyphényl)diazényl]-N-(pyridin-2-yl)benzene sulfonamide		66364-70-3
ACI 191705	<b>Sulfasalazine Impurity E (EP):</b> 2-hydroxy-4'-(pyridin-2-ylsulfamoyl)-5-[2-[4-(pyridin-2-ylsulfamoyl)phényl]diazényl]biphenyl-3-carboxylic acid		1391062-34-2
ACI 191706	<b>Sulfasalazine Impurity F (EP):</b> 2-hydroxy-3-[2-[4-(pyridin-2-ylsulfamoyl)phényl]diazényl] benzoic acid		66364-71-4
ACI 191708	<b>Sulfasalazine Imp. H (EP):</b> 2-Hydroxybenzenecarboxylic acid (salicylic acid)		69-72-7

Code	Product Name	Structure	CAS No.
ACI 191709	<b>Sulfasalazine Impurity I (EP):</b> 2-hydroxy-5-[2-(4-sulfophenyl)diazenyl]benzoic acid		21542-82-5
ACI 191710	<b>Sulfasalazine Impurity J (EP):</b> 4-amino-N-(pyridin-2-yl)benzenesulfonamide		144-83-2
<b>Sulfinpyrazone</b>			
ACI 191601	<b>Sulfinpyrazone Imp. A (EP):</b> 1,2-Diphenyl-4-[2-(phenylsulfonyl)-ethyl]pyrazolidine-3,5-dione		1106-50-9
<b>Sulindac</b>			
ACI 192303	<b>Sulindac Imp. C (EP):</b> (Z)-[5-fluoro-2-methyl-1-[4-methylsulfonyl]benzylidene]-1H-inden-3-yl]acetic acid		49627-27-2
ACI 192311	<b>Sulindac Impurity:</b> Methyl ester of sulindac		134439-52-4
<b>Sulphamethoxazole</b>			
ACI 191801	<b>Sulphamethoxazole Impurity A (EP):</b> N-[4-[(5-methylisoxazol-3-yl)sulfamoyl]phenyl]acetamide		21312-10-7
ACI 191802	<b>Sulphamethoxazole Impurity B (EP):</b> 4-[[[(4-Aminophenyl)sulfonyl]amino]-N-(5-methylisoxazol-3-yl)benzenesulfonamide		135529-16-7

Code	Product Name	Structure	CAS No.
ACI 191803	<b>Sulphamethoxazole Impurity C (EP):</b> 5-methylisoxazol-3-amine		1072-67-9
ACI 191804	<b>Sulphamethoxazole Impurity D (EP):</b> 4-aminobenzenesulfonic acid		121-57-3
ACI 191805	<b>Sulphamethoxazole Impurity E (EP):</b> 4-aminobenzenesulfonamide (sulfanilamide)		63-74-8
ACI 191806	<b>Sulphamethoxazole Impurity F (EP):</b> 4-Amino-N-methylisoxazol-5-yl)benzenesulfonamide		17103-52-5
<b>Sumatriptan</b>			
ACI 190900	<b>Sumatriptan Succinate:</b> [3-[2-(Dimethylamino)ethyl]-1H-indol-5-yl]-N-methylmethane sulfonamide hydrogen butanedioate		103628-48-4
ACI 190901	<b>Sumatriptan Succinate Imp. A (EP):</b> [3-[2-(Dimethylamino)ethyl]-2-[[3-[2-(dimethylamino)ethyl]-1H-indol-5-yl]methyl]-1H-indol-5-yl]-N-methylmethane sulfonamide		545338-89-4
ACI 190902	<b>Sumatriptan Succinate Imp. B (EP):</b> N-methyl[3-[2-(methylamino)ethyl]-1H-indol-5-yl]methanesulfonamide		88919-51-1

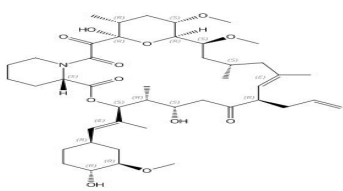
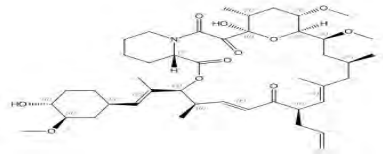
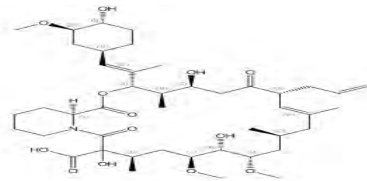
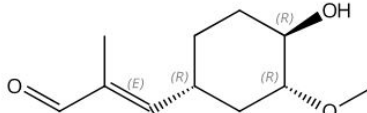
Code	Product Name	Structure	CAS No.
ACI 190903	<b>Sumatriptan Succinate Imp. C (EP):</b> [3-[2-(dimethylamino)ethyl]-1-(hydroxymethyl)-1H-indol-5-yl]-N-methylmethanesulfonamide		n/a
ACI 190904	<b>Sumatriptan Succinate Imp. D (EP):</b> N,N-dimethyl-2-[5-[(methylsulfamoyl)methyl]-1H-indol-3-yl]ethanamine N-oxide		212069-94-8
ACI 190905	<b>Sumatriptan Succinate Imp. E (EP) as hydrochloride:</b> [3-(2-Aminoethyl)-1H-indol-5-yl]-N-methylmethanesulfonamide hydrochloride	 xHCl	88919-24-8
ACI 190906	<b>Sumatriptan Succinate Imp. F (EP):</b> N-methyl(2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-6-yl)methanesulfonamide		2074615-63-5
ACI 190907	<b>Sumatriptan Succinate Imp. G (EP):</b> N-Methyl(2-methyl-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-6-yl) methane sulfonamide		n/a
ACI 190911	<b>Sumatriptan Succinate Impurity:</b> 3-Hydroxy-2-oxo sumatriptan		n/a
ACI 190912	<b>Sumatriptan Succinate Impurity:</b> 3-[2-(Dimethylamino)ethyl]-1-(hydroxymethyl)7N-N-methyl(hydroxymethyl) methanesulfonamide		n/a

## Sunitinib

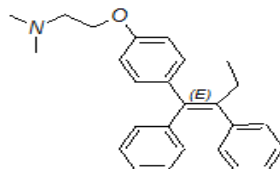
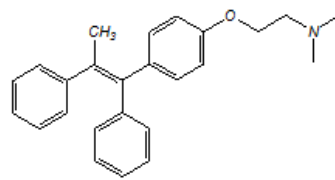
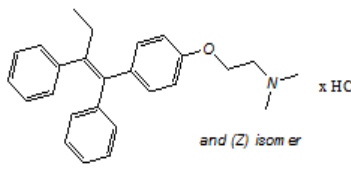
Code	Product Name	Structure	CAS No.
ACI 193000	<b>Sunitinib Malate:</b> N-[2-(Diethylamino)ethyl]-5-[(Z)-(5-fluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)methyl]-2,4-dimethyl-1H-pyrrole-3-carboxamide (2S)-2-hydroxybutanedioic acid.	 <p>The structure shows the Sunitinib molecule (a 5-fluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene derivative) linked via a methyl group to a (Z)-methyl-2,4-dimethyl-1H-pyrrole-3-carboxamide moiety. This is further connected to a diethylaminoethyl chain. The malate counterion is shown as a 2-hydroxybutanedioic acid molecule with a subscript 'x'.</p>	341031-54-7
ACI 193013	<b>Sunitinib Malate Impurity:</b> (Z)-N-(2-(ethylamino)ethyl)-5-((5-fluoro-2-oxoindolin-3-ylidene)methyl)-2,4-dimethyl-1H-pyrrole-3-carboxamide (N-Desethyl Sunitinib)	 <p>The structure shows the impurity molecule, which is a (Z)-N-(2-(ethylamino)ethyl)-5-((5-fluoro-2-oxoindolin-3-ylidene)methyl)-2,4-dimethyl-1H-pyrrole-3-carboxamide. It features a 5-fluoro-2-oxoindolin-3-ylidene group connected to a (Z)-methyl-2,4-dimethyl-1H-pyrrole-3-carboxamide moiety, which is further connected to a 2-(ethylamino)ethyl chain.</p>	356068-97-8

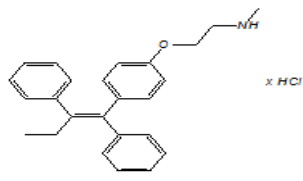
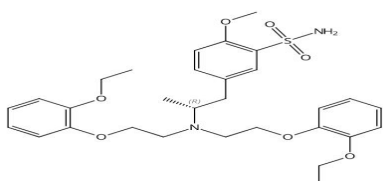
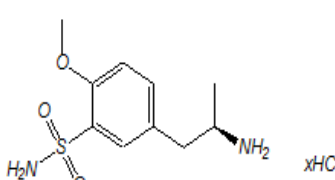
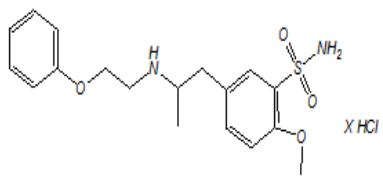
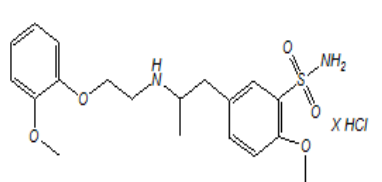
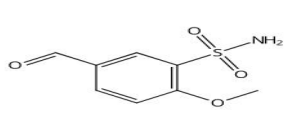
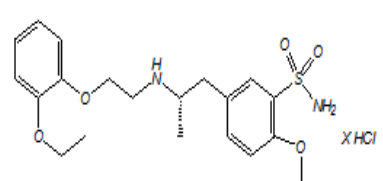
Code	Product Name	Structure	CAS No.
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## Tacrolimus

ACI 204100	<b>Tacrolimus:</b> (3S,4R,5S,8R,9E,12S,14S,15R,16S,18R,19R,26aS)-5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-Hexadecahydro-5,19-dihydroxy-3-[(1E)-2-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethenyl]-14,16-dimethoxy-4,10,12,18-tetramethyl-8-(2-propen-1-yl)-15,19-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone		104987-11-3
ACI 204109	<b>Tacrolimus Monohydrate Imp.I(EP):</b> (3S,4R,5E,8R,9E,12S,14S,15R,16S,18R,19R,26aS)-19-hydroxy-3-[(1E)-1-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]prop-1-en-2-yl]-14,16-dimethoxy-4,10,12,18-tetramethyl-8-(prop-2-en-1-yl)-3,4,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-7H-15,19-epoxy-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(23H)-tetrone		104987-16-8
ACI 204111	<b>Tacrolimus Impurity:</b> Tacrolimus Hydroxy acid impurity		1700657-83-5
ACI 204113	<b>Tacrolimus Methyl Acryl Aldehyde Impurity:</b> (E)-3-((1R,3R,4R)-4-Hydroxy-3-methoxycyclohexyl)-2-methylacryl-aldehyde		109466-74-2

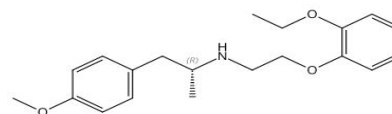
## Tamoxifen

ACI 202801	<b>Tamoxifen citrate Imp.A (EP):</b> 2-[4-[(E)-1,2-Diphenylbut-1-enyl]phenoxy]-N,N-dimethylethanamine		13002-65-8
ACI 202804	<b>Tamoxifen citrate Imp. D (EP):</b> 2-[4-[(EZ)-1,2-diphenylprop-1-enyl]phenoxy]-N,N-dimethylethanamine		n/a
ACI 202805	<b>Tamoxifen citrate Imp. E (EP) as hydrochloride:</b> 2-[2-[(EZ)-1,2-diphenylbut-1-enyl]phenoxy]-N,N-dimethylethanamine Hydrochloride		n/a

Code	Product Name	Structure	CAS No.
ACI 202806	<b>Tamoxifen citrate Imp. F (EP) as hydrochloride:</b> 2-[4-[(Z)-1,2-diphenylbut-1-enyl]phenoxy]-N-methyl-ethanamine Hydrochloride	 <chem>CN(C)CCOC1=CC=C(C=C1)/C=C(\C2=CC=CC=C2)C3=CC=CC=C3</chem> <i>x HCl</i>	n/a
<b>Tamsulosin</b>			
ACI 203501	<b>Tamsulosin Hydrochloride Imp. A (EP) as Hydrochloride:</b> 5-[(2R)-2-[bis[2-(2-ethoxyphenoxy) ethyl] amino]propyl]-2-methoxybenzenesulfonamide Hydrochloride	 <chem>CCOC1=CC=C(C=C1)S(=O)(=O)N[C@@H](CCN(CCOC2=CC=C(C=C2)OCC)CCOC3=CC=C(C=C3)OCC)C4=CC=C(C=C4)OC</chem> <i>x HCl</i>	918867-88-6
ACI 203502	<b>Tamsulosin Hydrochloride Imp. B (EP) as Hydrochloride:</b> 5-[(2R)-2-aminopropyl]-2-methoxybenzene sulfonamide Hydrochloride	 <chem>CCOC1=CC=C(C=C1)S(=O)(=O)N[C@@H](C)C</chem> <i>x HCl</i>	112101-75-4
ACI 203503	<b>Tamsulosin Hydrochloride Imp. C (EP) as Hydrochloride:</b> 2-methoxy-5-[(2R)-2-[(2-phenoxyethyl) amino]propyl]benzenesulfonamide Hydrochloride	 <chem>CCOC1=CC=C(C=C1)S(=O)(=O)N[C@@H](CCN(CCOc2ccccc2)C)C3=CC=C(C=C3)OC</chem> <i>x HCl</i>	n/a
ACI 203504	<b>Tamsulosin Hydrochloride Imp. D (EP) as Hydrochloride:</b> 2-methoxy-5-[(2R)-2-[[2-(2-methoxy phenoxy)ethyl]amino]propyl]benzenesulfonamide Hydrochloride	 <chem>CCOC1=CC=C(C=C1)S(=O)(=O)N[C@@H](CCN(CCOc2ccc(OC)cc2)C)C3=CC=C(C=C3)OC</chem> <i>x HCl</i>	80223-96-7
ACI 203505	<b>Tamsulosin Hydrochloride Imp. E (EP):</b> 5-formyl-2-methoxybenzenesulfonamide	 <chem>CCOC1=CC=C(C=C1)S(=O)(=O)Nc2ccc(C=O)cc2</chem>	105764-07-6
ACI 203507	<b>Tamsulosin Hydrochloride Imp. G (EP) as Hydrochloride:</b> 5-[(2S)-2-[[2-(2-ethoxyphenoxy) ethyl] amino]propyl]-2-methoxybenzenesulfonamide Hydrochloride	 <chem>CCOC1=CC=C(C=C1)S(=O)(=O)N[C@H](CCN(CCOC2=CC=C(C=C2)OCC)CCOC3=CC=C(C=C3)OCC)C4=CC=C(C=C4)OC</chem> <i>x HCl</i>	80223-99-0

Code	Product Name	Structure	CAS No.
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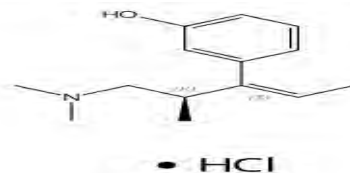
ACI 203508 **Tamsulosin Hydrochloride Imp. H (EP) as Hydrochloride:** (2R)-N-[2-(2-ethoxyphenoxy)ethyl]-1-(4-methoxyphenyl)propan-2-amine Hydrochloride



1329611-47-3

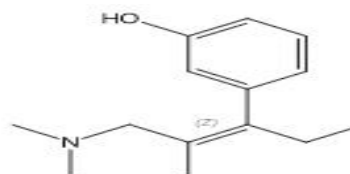
## Tapentadol

ACI 207703 **Tapentadol hydrochloride imp.C(EP) as HCl salt :** 3-[(2Z,4R)-5-(dimethylamino)-4-methylpent-2-en-3-yl]phenol hydrochloride



197144-93-7

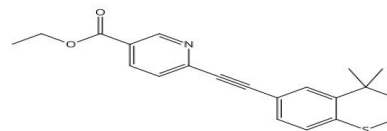
ACI 207704 **Tapentadol hydrochloride imp.D(EP):** 3-[(2Z)-1-(dimethylamino)-2-methylpent-2-en-3-yl]phenol



1422011-96-8

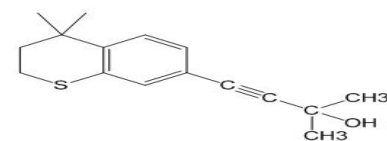
## Tazarotene

ACI 205400 **Tazarotene:** 6-[2-(3,4-Dihydro-4,4-dimethyl-2H-1-benzothiopyran-6-yl)ethynyl]-3-pyridinecarboxylic acid ethyl ester



118292-40-3

ACI 205411 **Tazarotene Impurity:** 2-methyl-4-(4,4-dimethylthiochroman-6-yl)but-3-yn-2-ol (Tazarotene Tazaalcohol Impurity)



NA

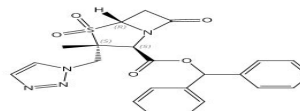
ACI 205412 **Tazarotene Impurity:** 6,6'-(1,3-Butadiyne-1,4-diyl)bis[3,4-dihydro-4,4-dimethyl-2H-1-benzothiopyran]



1010805-73-8

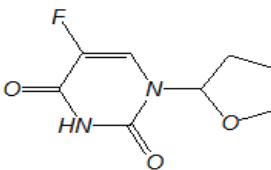
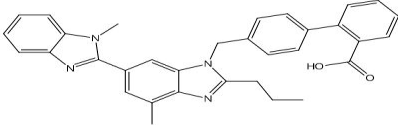
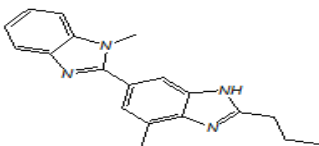
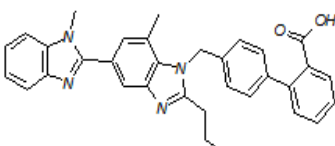
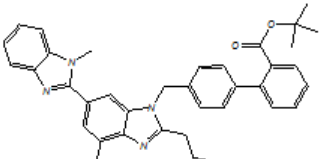
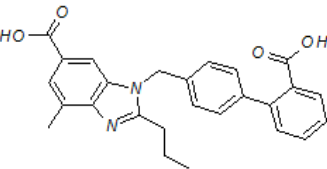
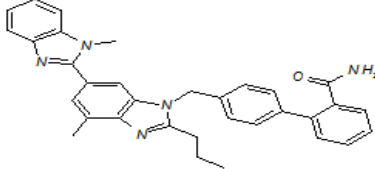
## Tazobactam

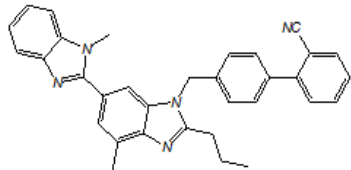
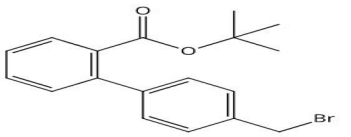
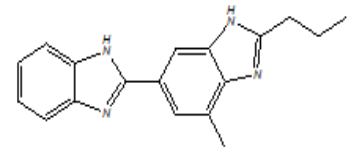
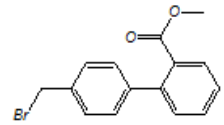
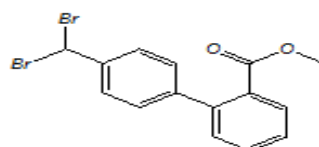
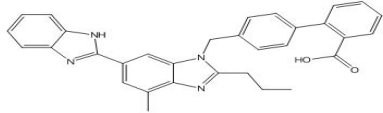
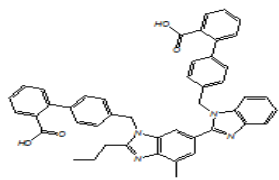
ACI 204312 **Tazobactam Diphenylmethyl Ester:** Benzhydry 2β-triazolomethyl-2α-methyl-6,6-dihydropenicillanate-1,1-dioxide



89789-07-1

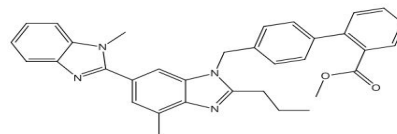


Code	Product Name	Structure	CAS No.
<b>Tegafur</b>			
ACI 205600	<b>Tegafur:</b> 5-Fluoro-1-(tetrahydro-2-furanyl)-2,4(1H,3H)-pyrimidinedione		17902-23-7
<b>Telmisartan</b>			
ACI 200800	<b>Telmisartan:</b> 4'-[[4-Methyl-6-(1-methyl-1H-benzimidazol-2-yl)-2-propyl-1H-benzimidazol-1-yl]methyl]biphenyl-2-carboxylic acid		144701-48-4
ACI 200801	<b>Telmisartan Imp. A (EP):</b> 4-Methyl-6-(1-methyl-1H-benzimidazol-2-yl)-2-propyl-1H-benzimidazole		152628-02-9
ACI 200802	<b>Telmisartan Imp. B (EP):</b> 4'-[[7-methyl-5-(1-methyl-1H-benzimidazol-2-yl)-2-propyl-1H-benzimidazol-1-yl]methyl]biphenyl-2-carboxylic acid		1026353-20-7
ACI 200803	<b>Telmisartan Imp. C (EP):</b> 1,1-dimethylethyl 4'-[[4-methyl-6-(1-methyl-1H-benzimidazol-2-yl)-2-propyl-1H-benzimidazol-1-yl]methyl]biphenyl-2-carboxylate		144702-26-1
ACI 200805	<b>Telmisartan Imp. E (EP):</b> 1-[(2'-carboxybiphenyl-4-yl)methyl]-4-methyl-2-propyl-1H-benzimidazol-6-carboxylic acid		884330-12-5
ACI 200806	<b>Telmisartan Imp. F (EP):</b> 4'-[[4-methyl-6-(1-methyl-1H-benzimidazol-2-yl)-2-propyl-1H-benzimidazol-1-yl]methyl]biphenyl-2-carboxamide		915124-86-6

Code	Product Name	Structure	CAS No.
ACI 200807	<b>Telmisartan Imp. G (EP):</b> 4'-[[4-Methyl-6-(1-methyl-1H-benzimidazol-2-yl)-2-propyl-1H-benzimidazol-1-yl]methyl]biphenyl-2-carbonitrile		144702-27-2
ACI 200808	<b>Telmisartan Imp. H (EP):</b> 1,1-Dimethylethyl 4'-(bromomethyl)biphenyl-2-carboxylate		114772-40-6
ACI 200811	<b>Telmisartan Impurity:</b> 6-(1H-Benzo[d]imidazol-2-yl)-4-methyl-2-propyl-1H-benzo[d]imidazole		884330-09-0
ACI 200812	<b>Telmisartan Impurity:</b> 4'-(Bromomethyl)- [1,1'-biphenyl]-2-carboxylic acid methyl ester		114772-38-2
ACI 200814	<b>Telmisartan Impurity:</b> 4'-(Dibromomethyl)- [1,1'-biphenyl]-2-carboxylic acid methyl ester		135249-08-0
ACI 200816	<b>Telmisartan Impurity:</b> 4'-[(4-Methyl-2-propyl[2,6-bi-1H-benzimidazol]-1-yl)methyl]- [1,1'-Biphenyl]-2-carboxylic acid (N-Desmethyl Telmisartan)		144701-81-5
ACI 200817	<b>Telmisartan Impurity:</b> 4',4''-[(4'-Methyl-2'-propyl [2,6'-bi-1H-benzimidazole]-1,1''-diyl)bis(methylene)]bis-[1,1'-biphenyl]-2-carboxylic acid		884330-14-7

Code	Product Name	Structure	CAS No.
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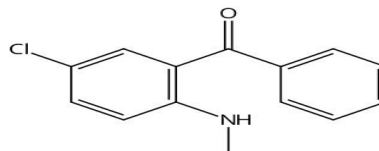
ACI 200818 **Telmisartan Impurity:** Methyl-4-[(2n-propyl-4-methyl-6-(1-methyl benzimidazol-2-yl)-benzimidazol-1-yl)-methyl]-biphenyl-2-carboxylate



528560-93-2

## Temazepam

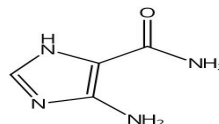
ACI 205101 **Temazepam Imp. A (EP):** 5-Chloro-2-(methylamino)benzophenone



1022-13-5

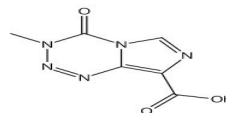
## Temozolomide

ACI 208801 **Temozolomide Imp.A(EP):** 5-amino-1H-imidazole-4-carboxamide



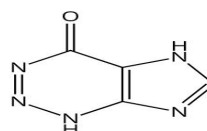
360-97-4

ACI 208802 **Temozolomide Imp.B(EP):** 3-methyl-4-oxo-3,4-dihydroimidazo[5,1-d][1,2,3,5]tetrazine-8-carboxylic acid



113942-30-6

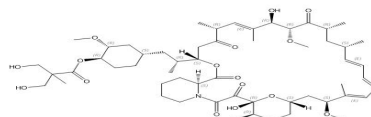
ACI 208805 **Temozolomide Imp.E(EP):** 3,7-dihydro-4H-imidazo[4,5-d][1,2,3]triazin-4-one (2-azahypoxanthine) acid



4656-86-4

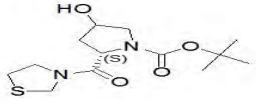
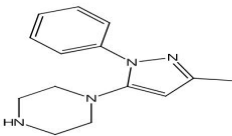
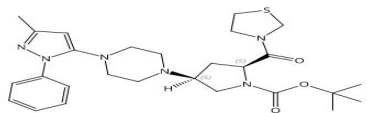
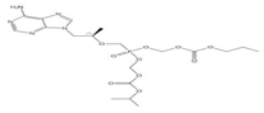
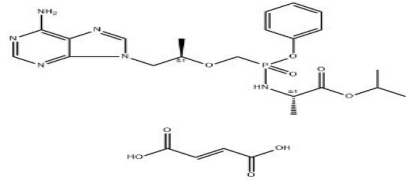
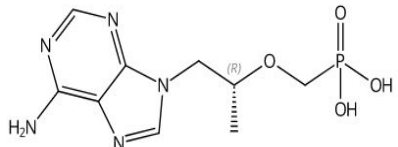
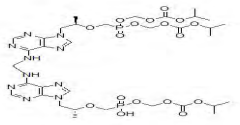
## Temsirolimus

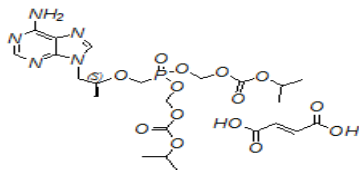
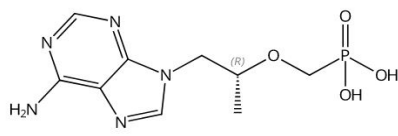
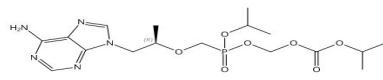
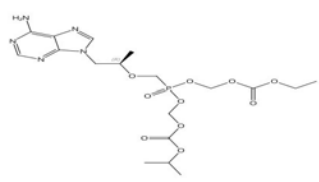
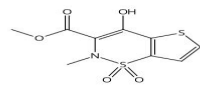
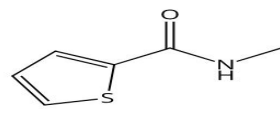
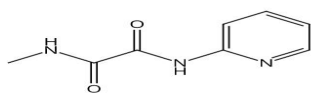
ACI 208900 **Temsirolimus:** 42-[3-Hydroxy-2-(hydroxymethyl)-2-methylpropanoate]-rapamycin

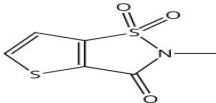
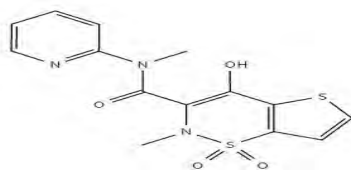
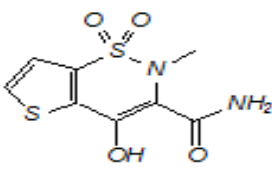
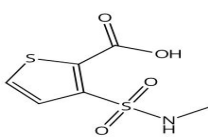
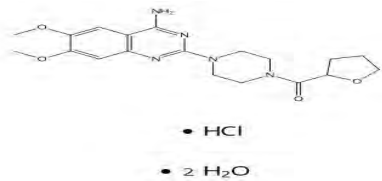
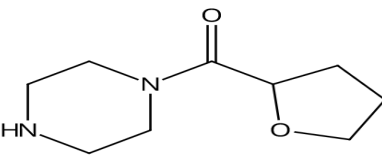
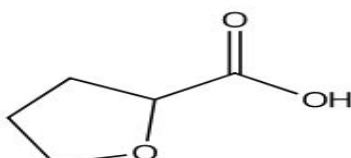


162635-04-3

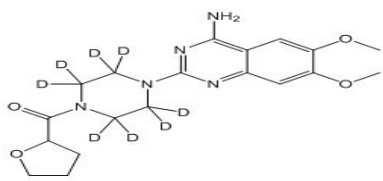
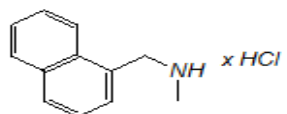
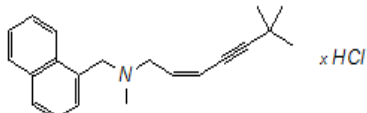
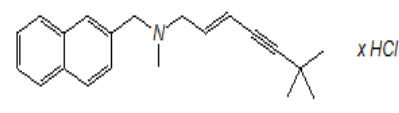
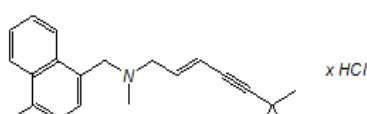
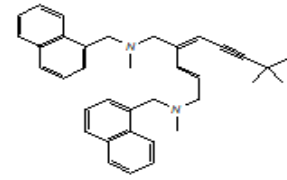
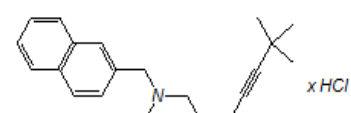
## Teneligliptin

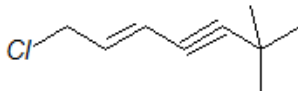
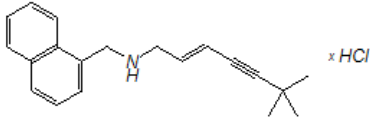
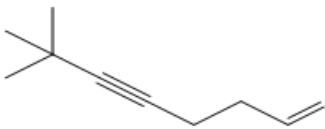
Code	Product Name	Structure	CAS No.
ACI 209013	<b>Teneligliptin Impurity C:</b> tert-butyl (2S,4S)-4-hydroxy-2-(thiazolidine-3-carbonyl)pyrrolidine-1-carboxylate		NA
ACI 209011	<b>Teneligliptin Impurity A:</b> 1-(3-Methyl-1-phenyl-1H-pyrazol-5-yl)piperazine		401566-79-8
ACI 209012	<b>Teneligliptin Impurity B:</b> tert-butyl(2S,4S)-4-(4-(3-methyl-1-phenyl-1H-pyrazol-5-yl)piperazine-1-yl)-2-(thiazolidine-3-carbonyl)pyrrolidine-1-carboxylate		401566-80-1
<b>Tenofovir</b>			
ACI-204508	<b>Tenofovir disoproxil fumarate IP impurity H:</b> 5-[[[(1R)-2-(6-Amino-9H-purin-9-yl)-1-methylethoxy] methyl]-2, 4, 6, 8-tetraoxa-5-phosphanonanedioic Acid (1-methylethyl, propyl) Ester 5-Oxide		1217542-13-6
ACI 207200	<b>Tenofovir alafenamide fumarate:</b> N-[(S)-[[[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]phenoxyphosphiny]-L-Alanine, 1-methylethyl ester, (2E)-2-butenedioate(2:1)		1392275-56-7
ACI 207211	<b>Tenofovir Alafenamide Fumarate impurity:</b> ((([1-(6-amino-9H-purin-9-yl)propan-2yl]oxy)methyl)phosphonic acid) (Tenofovir)		(((1-(6-amino-9H-purin-9-yl)propan-2yl]oxy)methyl)phosphonic acid) (Tenofovir)
ACI 204509	<b>Tenofovir disoproxil fumarate IP impurity I: ( Tri-POC Tenofovir Dimer):</b> 5-[[[(1R)-2-[6-[[[9-[(2R)-5-Hydroxy-2,11-dimethyl-5-oxido-9-oxo-3,6,8,10-tetraoxa-5-phosphadodec-1-yl]-9H-purin-6-yl]amino]methyl]amino]-9H-purin-9-yl]-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic Acid 1,9-Bis(1-methylethyl) Ester 5-Oxide		1093279-77-6

Code	Product Name	Structure	CAS No.
ACI 204511	<b>Tenofovir Disoproxil Impurity:</b> (S)-5-[[2-(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic acid, bis(1-methylethyl) ester, 5-oxide, (E)-2-butenedioate (1:1)		1432630-26-6
ACI 204512	<b>Tenofovir Disoproxil Impurity:</b> [(1R)-2(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]phosphoric Acid hydrate		147127-20-6
ACI 204514	<b>Tenofovir isopropyl monoisoproxil hydrochloride:</b> (8R)-9-(6-Amino-9H-purin-9-yl)-5-hydroxy-8-methyl-2,4,7-trioxa-5-phosphananoic Acid Isopropyl 1-Methylethyl Ester 5-Oxide		1246812-40-7
ACI-204515	<b>Tenofovir Disoproxil Ethyl Ester:</b> O-(Ethoxycarbonyloxymethyl)-O-(isopropoxycarbonyloxymethyl)-(R)-[1-(6-amino-9H-purin-9-yl) propan-2-yloxy]methylphosphonate		1422284-16-9
<b>Tenoxicam</b>			
ACI 201302	<b>Tenoxicam Imp. B(EP):</b> methyl 4-hydroxy-2-methyl-2H-thieno[2,3-e]1,2-thiazine-3-carboxylate 1,1-dioxide		59804-25-0
ACI 201303	<b>Tenoxicam Imp. C (EP):</b> N-methylthiophene-2-carboxamide		39880-77-8
ACI 201304	<b>Tenoxicam Imp. D (EP):</b> N-methyl-N'-(pyridin-2-yl)-ethanediamide		52781-01-8

Code	Product Name	Structure	CAS No.
ACI 201305	<b>Tenoxicam Imp. E(EP):</b> 2-methylthieno[2,3-d]isothiazol-3 (2H)-one 1,1-dioxide		94040-09-2
ACI 201306	<b>Tenoxicam Imp. F (EP):</b> 4-Hydroxy-N,2-dimethyl-N-(pyridin-2-yl)-2H-thieno[2,3-e][1,2]thiazine-3-carboxamide 1,1-dioxide		NA
ACI 201307	<b>Tenoxicam Imp. G (EP):</b> 4-hydroxy-2-methyl-2H- thieno [2,3-e]1,2-thiazine-3-carboxamide 1,1-dioxide		105410-48-8
ACI 201308	<b>Tenoxicam Imp. H(EP):</b> 3-[(methylamino)sulfonyl]thiophene-2-carboxylic acid		64527-92-0
<b>Terazosin</b>			
ACI 207600	<b>Terazosin hydrochloride dihydrate:</b> 1-(4-Amino-6,7-dimethoxyquinazolin-2-yl)-4-[[[(2RS)-tetrahydrofuran-2-yl]carbonyl]piperazine hydrochloride dihydrate	 <ul style="list-style-type: none"> <li>• HCl</li> <li>• 2 H<sub>2</sub>O</li> </ul>	70024-40-7
ACI 207614	<b>Terazosin hydrochloride dihydrate imp.N (EP):</b> 1-[[[(2RS)-tetrahydrofuran-2-yl]carbonyl]piperazine		63074-07-7
ACI 207621	<b>Terazosin hydrochloride dihydrate Impurity:</b> Tetrahydrofuran-2-carboxylic Acid		16874-33-2

**Terazosin-d8**

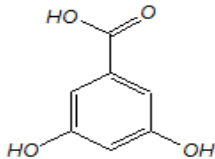
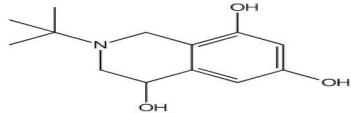
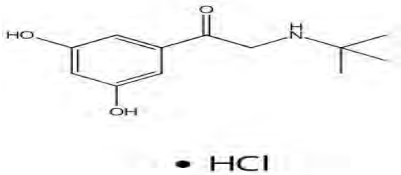
Code	Product Name	Structure	CAS No.
ACI 207630	<b>Terazosin-d8:</b> 4-(4-Amino-6,7-dimethoxyquinazolin-2-yl)-4-[[[(2RS)-tetrahydrofuran-2-yl]carbonyl]piperazine		1006718-20-2
<b>Terbinafine</b>			
ACI 200501	<b>Terbinafine Hydrochloride Imp. A (EP) as hydrochloride:</b> N-methyl-C-(naphthalen-1-yl)methanamine hydrochloride		65473-13-4
ACI 200502	<b>Terbinafine Hydrochloride Imp. B (EP) as Hydrochloride:</b> (2Z)-N,6,6-Trimethyl-N-(naphthalen-1-ylmethyl)hept-2-en-4-yn-1-amine Hydrochloride		176168-78-8
ACI 200503	<b>Terbinafine Hydrochloride Imp. C (EP) as Hydrochloride:</b> (2E)-N,6,6-Trimethyl-N-(naphthalen-2-ylmethyl)hept-2-en-4-yn-1-amine Hydrochloride		877265-30-0
ACI 200504	<b>Terbinafine Hydrochloride Imp. D (EP) as Hydrochloride:</b> (2E)-N,6,6-Trimethyl-N-[(4-methylnaphthalen-1-yl)methyl]-hept-2-en-4-yn-1-amine Hydrochloride		877265-33-3
ACI 200505	<b>Terbinafine Hydrochloride Imp. E (EP):</b> (2E,4E)-4-(4,4-Dimethylpent-2-yn-1-ylidene)-N,N'-dimethyl-N,N'-bis(naphthalen-1-ylmethyl)pent-2-ene-1,5-diamine		934365-23-8
ACI 200506	<b>Terbinafine Hydrochloride Imp. F (EP) as Hydrochloride:</b> (2Z)-N,6,6-trimethyl-N-(naphthalen-2-ylmethyl)hept-2-en-4-yn-1-amine hydrochloride		n/a

Code	Product Name	Structure	CAS No.
ACI 200510	<b>Terbinafine Hydrochloride Impurity:</b> 1-Chloro-6,6-dimethyl-2-hepten-4-yne		n/a
ACI 200511	<b>Terbinafine Hydrochloride Impurity as hydrochloride:</b> N-desmethylterbinafine hydrochloride		152830-98-3
ACI 200512	<b>Terbinafine Hydrochloride Impurity:</b> 6,6-Dimethyl-2-heptan-4-ynal		1691037-08-7

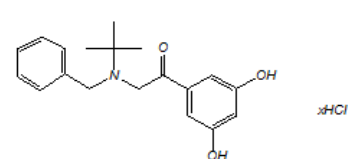
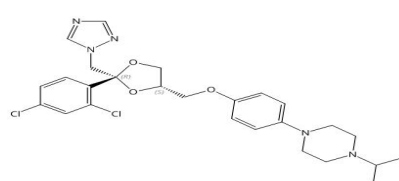
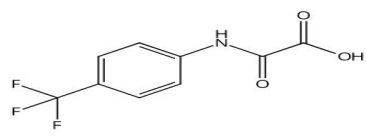
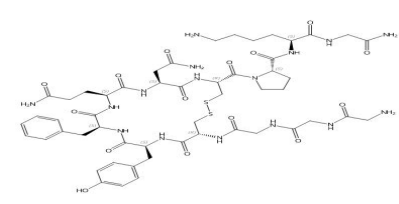
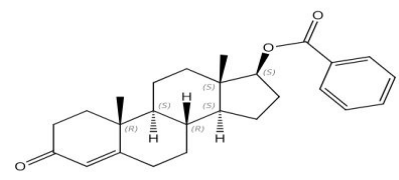
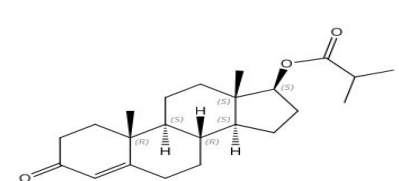
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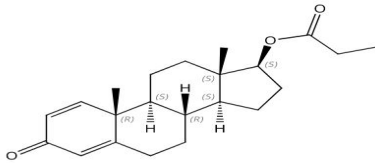
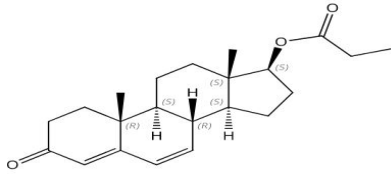
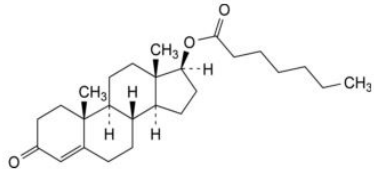
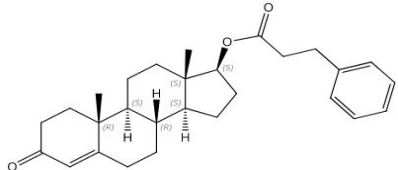
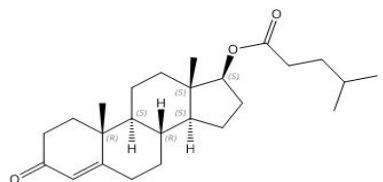
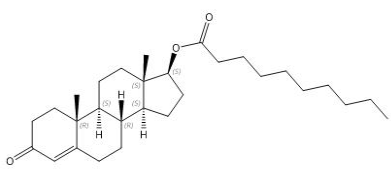
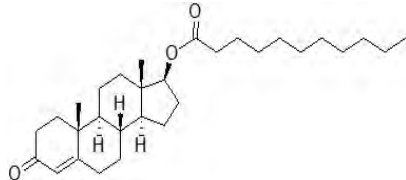
ACI 200530	<b>Terbinafine-d5 HCl:</b> Terbinafine-d5 HCl		78628-80-5
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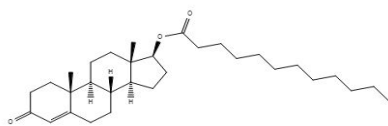
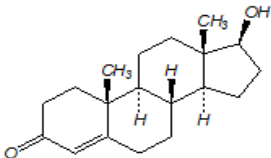
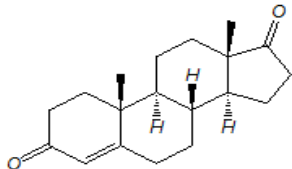
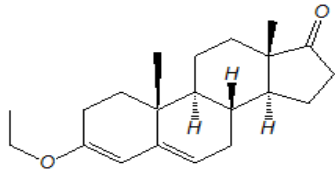
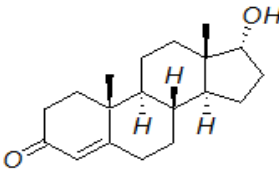
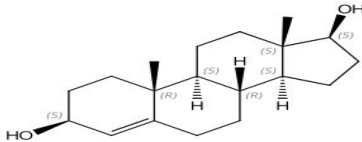
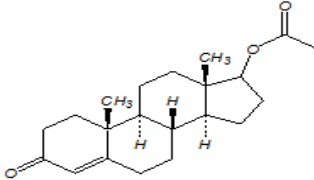
## Terbutaline

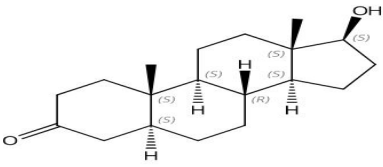
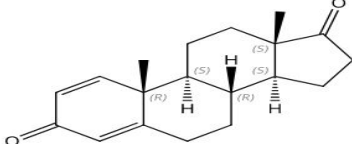
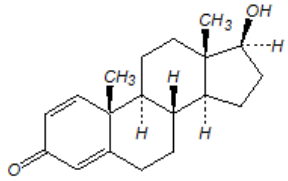
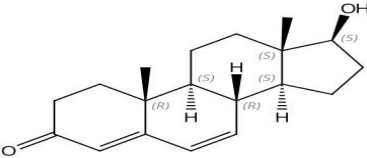
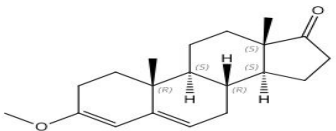
ACI 202701	<b>Terbutaline sulfate Imp. A (EP):</b> 3,5-dihydroxybenzoic acid (a-resorcylic acid)		99-10-5
ACI 202702	<b>Terbutaline sulfate Imp. B (EP):</b> (4RS)-2-(1,1-dimethylethyl)-1,2,3,4-tetrahydroisoquinoline-4,6,8-triol		94120-05-5
ACI 202703	<b>Terbutaline sulfate Imp. C (EP) as hydrochloride:</b> 1-(3,5-dihydroxyphenyl)-2-[(1,1-dimethylethyl)amino]ethanone Hydrochloride		1246815-70-2



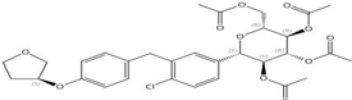
Code	Product Name	Structure	CAS No.
ACI 202704	<b>Terbutaline sulfate Imp. D (EP) as hydrochloride:</b> 2-[benzyl-(1,1-dimethylethyl)amino]-1-(3,5-dihydroxyphenyl)ethanone Hydrochloride		94109-61-2
<b>Terconazole</b>			
ACI 205300	<b>Terconazole:</b> cis-1-[4-[[2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-4-(1-methylethyl)piperazine(Triaconazole)		67915-31-5
<b>Teriflunomide</b>			
ACI 204211	<b>Teriflunomide impurity:</b> 2-oxo-2-[[4-(trifluoromethyl)phenyl] amino]acetic acid		69066-42-8
<b>Terlipressin</b>			
ACI 208500	<b>Terlipressin acetate:</b> N-(Glycylglycylglycyl)-8-L-lysinevasopressin		14636-12-5
<b>Testosterone</b>			
ACI 203700	<b>Testosterone benzoate:</b> (17 $\beta$ )- 17-(benzoyloxy)-Androst-4-en-3-one		2088-71-3
ACI 205202	<b>Testosterone Propionate Imp. B (EP):</b> 3-Oxoandrost-4-en-17 $\beta$ -yl 2-Methylpropanoate (Testosterone Isobutyrate)		1169-49-9

Code	Product Name	Structure	CAS No.
ACI 205204	<b>Testosterone Propionate Imp. D (EP):</b> 3-Oxoandrost-1,4-dien-17 $\beta$ -yl propanoate		977-32-2
ACI 205205	<b>Testosterone Propionate Imp. E (EP):</b> 3-Oxoandrost-4,6-dien-17 $\beta$ -yl propanoate		25862-97-9
ACI 207300	<b>Testosterone enantate:</b> 3-Oxoandrost-4-en-17 $\beta$ -yl heptanoate		315-37-7
ACI 207400	<b>Testosterone phenylpropionate:</b> 3-Oxoandrost-4-en-17 $\beta$ -yl $\beta$ -phenylpropionate		1255-49-8
ACI 207500	<b>Testosterone isocaproate:</b> 3-Oxoandrost-4-en-17 $\beta$ -yl 4-methylpentanoate		15262-86-9
ACI 206100	<b>Testosterone decanoate:</b> 3-Oxoandrost-4-en-17 $\beta$ -yl decanoate		5721-91-5
ACI 206105	<b>Testosterone decanoate Imp E (EP):</b> (17 $\beta$ )-17-[(1-Oxoundecyl)oxy]androst-4-en-3-one		5949-44-0

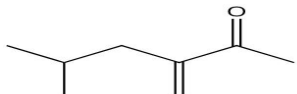
Code	Product Name	Structure	CAS No.
ACI 206106	<b>Testosterone decanoate Imp.F(EP):</b> 3-Oxoandrost-4-en-17 $\beta$ -yl Dodecanoate		59232-78-9
ACI 200600	<b>Testosterone:</b> 17 $\beta$ -Hydroxyandrost-4-en-3-one		58-22-0
ACI 200601	<b>Testosterone Imp. A (EP):</b> Androst-4-ene-3,17-dione (androstenedione)		63-05-8
ACI 200602	<b>Testosterone Imp. B (EP):</b> 3-Ethoxyandrosta-3,5-dien-17-one (androstenedione ethylenelether)		972-46-3
ACI 200603	<b>Testosterone Imp. C (EP):</b> 17 $\alpha$ -Hydroxyandrost-4-en-3-one (epitestosterone),		481-30-1
ACI 200604	<b>Testosterone Imp. D (EP):</b> 4-Androstenediol		1156-92-9
ACI 200605	<b>Testosterone Imp. E (EP):</b> 3-oxoandrost-4-en-17 $\beta$ -yl acetate (testosterone acetate),		1045-69-8

Code	Product Name	Structure	CAS No.
ACI 200606	<b>Testosterone Imp. F (EP):</b> 17 $\beta$ -hydroxy-5 $\alpha$ -androstan-3-one (Androstanolone, stanolone)		521-18-6
ACI 200607	<b>Testosterone Imp. G (EP):</b> Androsta-1,4-diene-3,17-dione (androstadienedione)		897-06-3
ACI 200608	<b>Testosterone Imp. H (EP):</b> 17 $\beta$ -hydroxyandrosta-1,4-dien-3-one (boldenone)		846-48-0
ACI 200609	<b>Testosterone Imp. I (EP):</b> 6-Dehydrotestosterone		2484-30-2
ACI 200610	<b>Testosterone Imp. J (EP):</b> 3-Methoxyandrosta-3,5-dien-17-one (Androstenedione Methylenelether)		57144-06-6

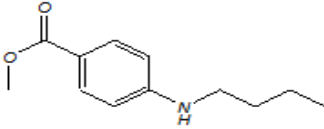
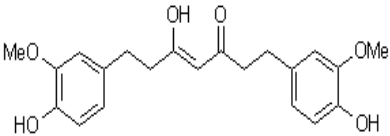
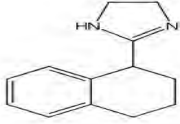
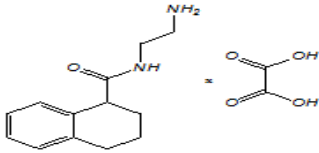
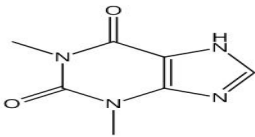
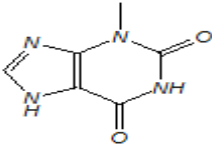
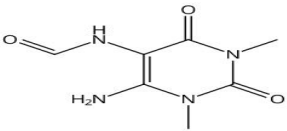
## Tetra

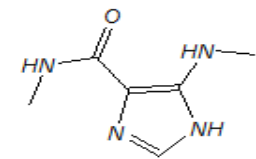
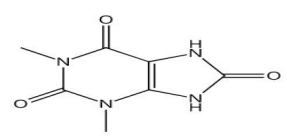
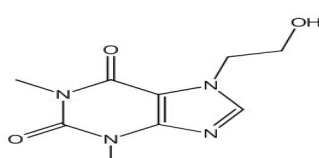
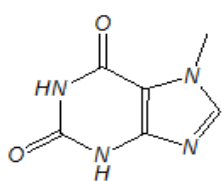
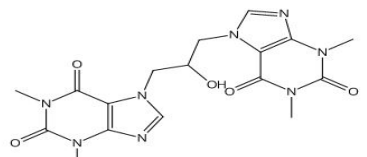
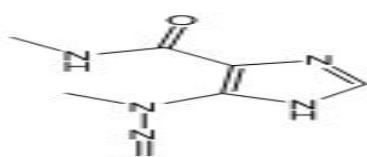
ACI 054616	<b>Tetra acetyl Empagliflozin:</b> (2R,3R,4R,5S,6S)-2-(Acetoxymethyl)-6-(4-chloro-3-(4-(((S)-tetrahydrofuran-3-yl)oxy)benzyl)phenyl)tetrahydro-2H-pyran-3,4,5-triyl triacetate		915095-99-7
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## Tetrabenazine

ACI 208711	<b>Tetrabenazine impurity 6:</b> 5-Methyl-3-methylene-2-hexanone		1187-87-7
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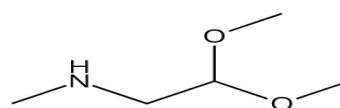
## Tetracaine

Code	Product Name	Structure	CAS No.
ACI 203203	<b>Tetracaine hydrochloride Imp. C (EP):</b> Methyl 4-(butylamino)benzoate.		71839-12-8
<b>Tetrahydro</b>			
ACI 030703	<b>Tetrahydro curcumin:</b> 1,7-Bis(4-hydroxy-3-methoxyphenyl)-3,5-heptanedione		36062-04-1
<b>Tetryzoline</b>			
ACI 202300	<b>Tetryzoline hydrochloride:</b> 2-[(1R)-1,2,3,4-Tetrahydronaphthalen-1-yl]-4,5-dihydro-1H-imidazole hydrochloride	 • HCl	522-48-5
ACI 202302	<b>Tetryzoline hydrochloride Impurity as Oxalate:</b> N-2(aminoethyl)-1,2,3,4-tetrahydro-1-naphthamide oxalate		n/a
<b>Theophylline</b>			
ACI 201600	<b>Theophylline:</b> 1,3-Dimethyl-3,7-dihydro-1H-purine-2,6-dione		58-55-9
ACI 201602	<b>Theophylline Imp. B (EP):</b> 3-Methyl-3,7-dihydro-1H-purine-2,6-dione		1076-22-8
ACI 201603	<b>Theophylline Imp. C (EP):</b> N-(6-amino-1,3-dimethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)formamide		7597-60-6

Code	Product Name	Structure	CAS No.
ACI 201604	<b>Theophylline Imp. D (EP):</b> N-Methyl-5-(methylamino)-1H-imidazole-4-carboxamide		6739-40-9
ACI 201605	<b>Theophylline Imp. E (EP):</b> 1,3-Dimethyl-7,9-dihydro-1H-purine-2,6,8(3H)-trione		944-73-0
ACI 201606	<b>Theophylline Imp. F (EP):</b> 7-(2-Hydroxyethyl)-1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione		519-37-9
ACI 201611	<b>Theophylline Impurity:</b> 7-Methylxanthine		552-62-5
ACI 201612	<b>Theophylline Impurity:</b> 7,7'-(2-Hydroxy-1,3-propanediyl)bis[3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione]		39726-70-0
ACI 201614	<b>Theophylline Impurity:</b> 5-(N-methyl-N-nitrosoamino)-N-methyl-1H-imidazole-4-carboxamide		NA

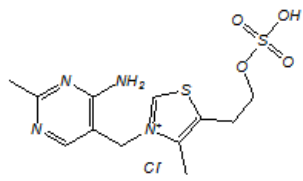
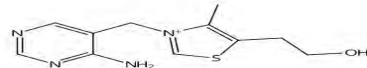
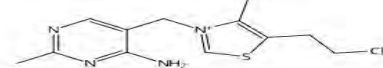
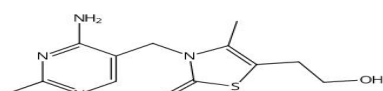
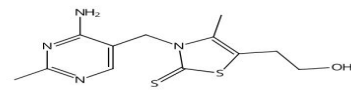
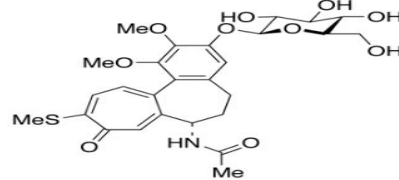
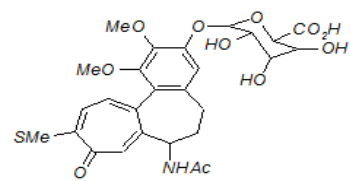
## Thiamazole

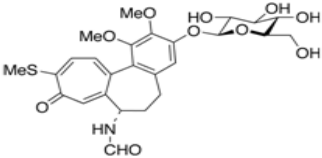
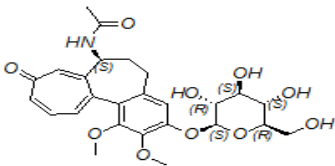
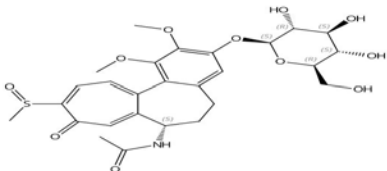
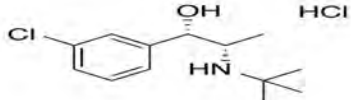
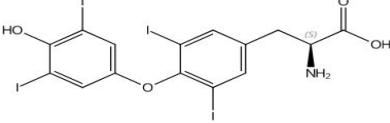
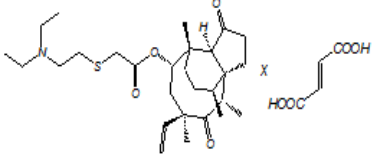
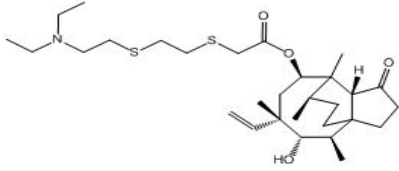
ACI 208601 **Thiamazole Imp.A(EP):** 2,2-dimethoxy-N-methylethanamine



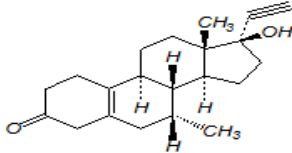
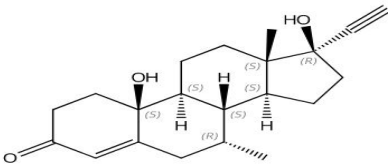
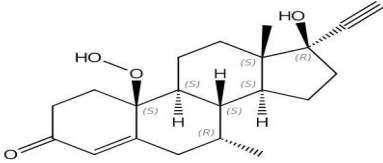
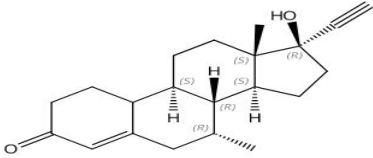
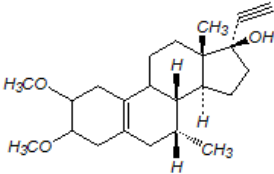
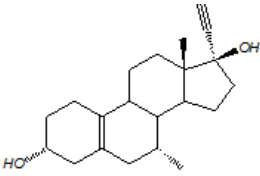
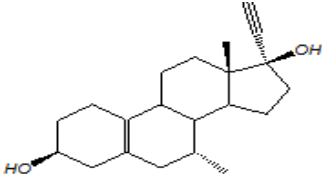
122-07-6

## Thiamine

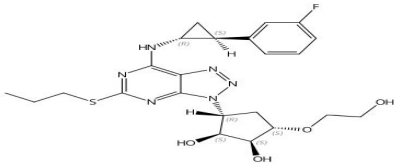
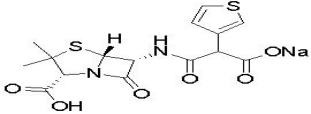
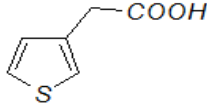
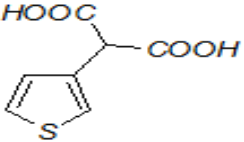
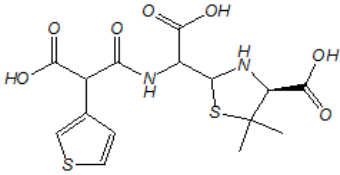
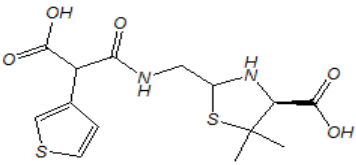
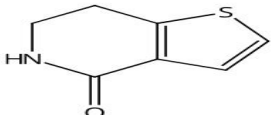
Code	Product Name	Structure	CAS No.
ACI 202001	<b>Thiamine Hydrochloride Imp. A (EP) as chloride:</b> 3-[(4-Amino-2-methylpyrimidin-5-yl)methyl]-4-methyl-5-[2-(sulfonatoxy)ethyl]thiazolium chloride		15743-04-1
ACI 202002	<b>Thiamine Hydrochloride Imp. B (EP) as Hydrochloride Salt:</b> 3-[(4-Amino-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium Chloride Hydrochloride Salt; 2'-Demethylthiamine Hydrochloride Salt	 <ul style="list-style-type: none"> <li>• Cl<sup>-</sup></li> <li>• HCl</li> </ul>	49614-72-4
ACI 202003	<b>Thiamine Hydrochloride Imp. C (EP) as Hydrochloride:</b> 3-[(4-amino-2-methylpyrimidin-5-yl)methyl]-5-(2-chloroethyl)-4-methylthiazolium Hydrochloride	 <ul style="list-style-type: none"> <li>• Cl<sup>-</sup></li> <li>• HCl</li> </ul>	7275-24-3
ACI 202004	<b>Thiamine Hydrochloride Imp. D (EP):</b> 3-[(4-amino-2-methylpyrimidin-5-yl)methyl]-5-(2-hydroxy ethyl)-4-methyl-1,3-thiazol-2(3H)-one (Oxothiamine)		490-82-4
ACI 202005	<b>Thiamine Hydrochloride Imp. E (EP):</b> 3-[(4-amino-2-methylpyrimidin-5-yl)methyl]-5-(2-hydroxyethyl)-4-methylthiazol-2(3H)-thione (thioxothiamine)		299-35-4
<b>Thiocolchicoside</b>			
ACI 200400	<b>Thiocolchicoside:</b> N-[(7S)-3-(β-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-xobenzo[a]heptalen 7-yl]acetamide		602-41-5
ACI 200401	<b>Thiocolchicoside Impurity:</b> 3-Desmethylthiocolchicine-3-glucuronide		819802-34-1

Code	Product Name	Structure	CAS No.
ACI 200402	<b>Thiocolchicoside Impurity:</b> N-deacetyl-N-formyl thiocolchicoside		219547-29-2
ACI 200408	<b>Thiocolchicoside Hydrate Imp. H (EP):</b> N-((S)-1,2-dimethoxy-9-oxo-3-(((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)-tetrahydro-2H-pyran-2-yl)oxy)-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl)acetamide		NA
ACI 200410	<b>Thiocolchicoside Hydrate Imp. J (EP):</b> N-[(7S,12aRa)-3-(β-D-glucopyranosyloxy)-1,2-dimethoxy-10-methylsulfinyl]-9-oxo-5,6,7,9-tetrahydrobenzo[a]heptalen-7-yl]acetamide		1359973-79-7
<b>threo-Dihydro</b>			
ACI 020720	<b>threo-Dihydro Bupropion HCl:</b> (αR)-rel-3-Chloro-α-[(1R)-1-[(1,1-dimethylethyl)amino]ethyl]benzenemethanol Hydrochloride		80478-42-8
<b>Thyroxine</b>			
ACI 205700	<b>Thyroxine:</b> O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine		51-48-9
<b>Tiamulin</b>			
ACI 203305	<b>Tiamulin Hydrogen Fumarate Imp.E (EP) as Fumarate salt:</b> (3aS,4R,6S,8R,9R,9aR,10R)-6-Ethenyl-4,6,9,10-tetra methyl-1,5-dioxodeca-hydro-3a,9-propano-3aH-cyclopenta cyclo-octen-8-yl- [[2-(Diethylamino)ethyl]sulphonyl]-acetate (11-Oxotiamulin) as fumaric acid salt		n/a
ACI 203320	<b>Tiamulin Hydrogen Fumarate Imp.T :</b> (3aS,4R,5S,6S,8R,9R,9aR,10R)-6-ethenyl-5-hydroxy-4,6,9,10-tetramethyl-1-oxodecahydro-3a,9-propano-3aH-cyclopentacycloocten-8-yl[[2-[[2-(diethylamino)ethyl]sulfonyl]ethyl]sulfonyl]acetate		NA

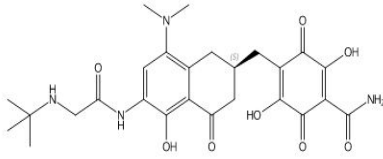
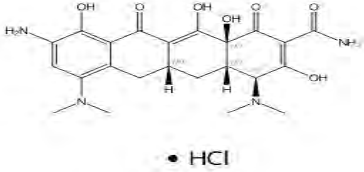
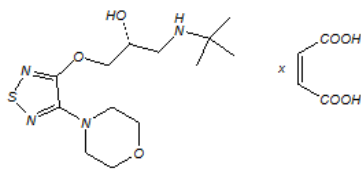
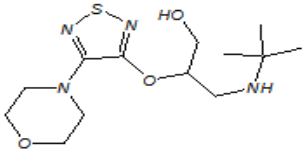
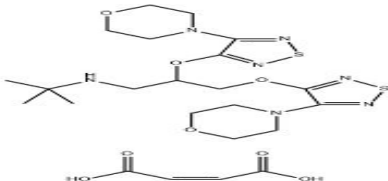
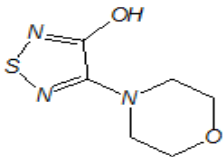
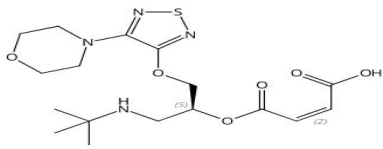


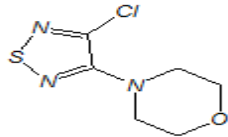
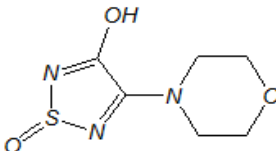
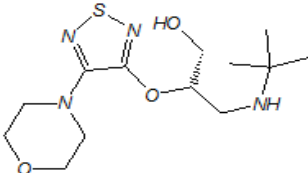
Code	Product Name	Structure	CAS No.
<b>Tibolone</b>			
ACI 202600	<b>Tibolone:</b> 17-Hydroxy-7 $\alpha$ -methyl-19-nor-17 $\alpha$ -pregn-5(10)-en-20-yn-3-one		5630-53-5
ACI 202601	<b>Tibolone Imp. A (EP):</b> (7 $\alpha$ ,17 $\alpha$ )-17,19-Dihydroxy-7-methyl-19-norpregn-4-en-20-yn-3-one		105186-35-4
ACI 202602	<b>Tibolone Imp. B (EP):</b> 19-Norpregn-4-en-20-yn-3-one, (7 $\alpha$ ,17 $\alpha$ )-19-hydroperoxy-17-hydroxy-7-methyl-19-Norpregn-4-en-20-yn-3-one		105186-34-3
ACI 202603	<b>Tibolone Imp. C (EP):</b> (7 $\alpha$ ,10 $\xi$ ,17 $\alpha$ )-17-hydroxy-7-methyl-19-Norpregn-4-en-20-yn-3-one		155239-50-2
ACI 202605	<b>Tibolone Imp. E (EP):</b> 3,3-dimethoxy-7 $\alpha$ -methyl-19-nor-17 $\alpha$ -pregn-5(10)-en-20-yn-17-ol		105186-33-2
ACI 202611	<b>Tibolone Impurity:</b> 3- $\alpha$ hydroxy Tibolone		100239-44-9
ACI 202612	<b>Tibolone Impurity:</b> 3- $\beta$ hydroxy Tibolone		100239-45-0

**Ticagrelor**

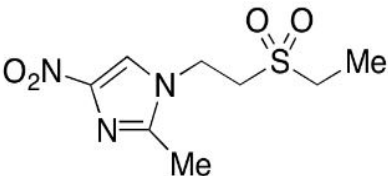
Code	Product Name	Structure	CAS No.
ACI 206011	<b>Ticagrelor Impurity:</b> (1S,2S,3R,5S)-3-[7-[(1R,2S)-2-(3-Fluorophenyl) cyclopropylamino]-5-(propyl thio)-3H-[1,2,3]triazolo [4,5-d] pyrimidin-3-yl]-5-(2-hydroxyethoxy) cyclopentane-1,2-diol (Ticagrelor Desfluoro analogue)		1643378-46-4
<b>Ticarcillin</b>			
ACI 200900	<b>Ticarcillin monosodium:</b> (2S,5R,6R)-6-[[[(2R)-carboxy-3-thienylacetyl]amino]-3,3-dimethyl-7-oxo-4-Thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid monosodium salt		74682-62-5
ACI 200902	<b>Ticarcillin Sodium Imp. B (EP):</b> (Thiophen-3-yl)acetic acid		6964-21-2
ACI 200903	<b>Ticarcillin Sodium Imp. C (EP):</b> 2-(Thiophen-3-yl)propanedioic acid		21080-92-2
ACI 200904	<b>Ticarcillin Sodium Imp. D (EP):</b> (4S)-2-[carboxy[[2-carboxy-2-(thiophen-3-yl)acetyl] amino] methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penicilloic acids of ticarcillin),		n/a
ACI 200905	<b>Ticarcillin Sodium Imp. E (EP):</b> (4S)-2-[[[2-carboxy-2-(thiophen-3-yl)acetyl]amino]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid (penilloic acids of ticarcillin)		n/a
<b>Ticlopidine</b>			
ACI 205902	<b>Ticlopidine hydrochloride Imp B (EP):</b> 6,7-dihydrothieno [3,2-c]pyridin-4(5H)-one		68559-60-4

## Tigecycline

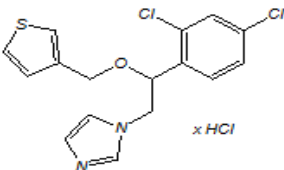
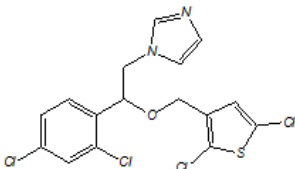
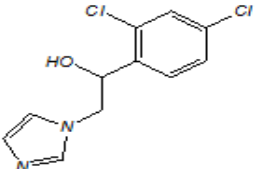
Code	Product Name	Structure	CAS No.
ACI 204011	<b>Tigecycline Impurity: 9</b> (tigecycline quinone analogue) as trifluoroacetate		1268494-46-7
ACI 204013	<b>Tigecycline Impurity:</b> ((4S,4aS,5aR,12aS)-9-Amino-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide hydrochloride		149934-21-4
<b>Timolol</b>			
ACI 201901	<b>Timolol maleate Imp. A (EP) as maleate:</b> (2R)-1-[(1,1-Dimethylethyl)amino]-3-[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]propan-2-ol maleate		26839-77-0
ACI 201902	<b>Timolol maleate Imp. B (EP):</b> (2RS)-3-[(1,1-dimethylethyl)amino]-2-[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]propan-1-ol		610271-55-1
ACI 201903	<b>Timolol maleate Imp. C (EP) as maleate:</b> (2RS)-N-(1,1-Dimethylethyl)-2,3-bis[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]propan-1-amine maleate		610271-57-3
ACI 201904	<b>Timolol maleate Imp. D (EP):</b> 4-(Morpholin-4-yl)-1,2,5-thiadiazol-3-ol		30165-97-0
ACI 201905	<b>Timolol maleate Imp. E (EP):</b> (2Z)-4-[(1S)-1-[(1,1-dimethylethyl)amino]methyl]-2-[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]ethoxy]-4-oxobut-2-enoic acid		1026075-53-5

Code	Product Name	Structure	CAS No.
ACI 201906	<b>Timolol maleate Imp. F (EP):</b> 4-(4-Chloro-1,2,5-thiadiazol-3-yl)morpholine		30165-96-9
ACI 201907	<b>Timolol maleate Imp. G (EP):</b> (3-Hydroxy-4-Morpholino-1,2,5-Thiadiazole-1-Oxide)		75202-36-7
ACI 201912	<b>Timolol maleate Impurity:</b> (S)-3-[(1,1-dimethylethyl)amino]-2-[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]propan-1-ol		1588636-96-5

## Tinidazole

ACI 207802	<b>Tinidazole imp.B(EP) :</b> 1-[2-(ethylsulfonyl)ethyl]-2-methyl-4-nitro-1H-imidazole		25459-12-5
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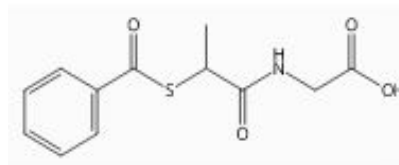
## Tioconazole

ACI 201101	<b>Tioconazole Imp. A (EP) as hydrochloride:</b> 1-[(2RS)-2-(2,4-dichlorophenyl)-2-[(thiophen-3-yl)methoxy]ethyl]-1H-imidazole Hydrochloride		61709-33-9
ACI 201102	<b>Tioconazole Imp. B (EP):</b> 1-[(2RS)-2-(2,4-dichlorophenyl)-2-[(2,5-dichlorothiophen-3-yl)methoxy]ethyl]-1H-imidazole		n/a
ACI 201104	<b>Tioconazole Imp. D (EP):</b> (1RS)-1-(2,4-Dichlorophenyl) -2-(1H-imidazol-1-yl)ethanol		24155-42-8

## Tiopronin

Code	Product Name	Structure	CAS No.
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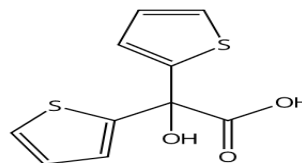
ACI 206211 **Tiopronin Impurity:** N-(2-Mercaptopropionyl)-glycine benzoate ester



6183-01-3

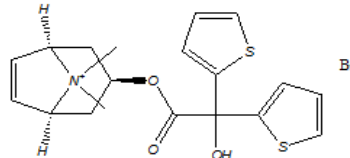
## Tiotropium

ACI 204801 **Tiotropium bromide monohydrate Imp. A (EP) :** Hydroxy [di(thiophen-2-yl)]acetic acid



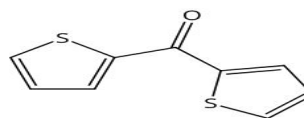
4746-63-8

ACI 204803 **Tiotropium bromide monohydrate Imp. C (EP):** (1R,3S,5S)-3-[(2-hydroxy-2,2-dithiophen-2-ylacetyl)oxy]-8,8-dimethyl-8-azoniabicyclo[3.2.1]oct-6-ene bromide



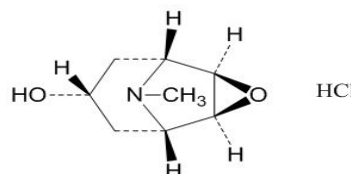
136310-95-7

ACI 204806 **Tiotropium bromide monohydrate Imp. F (EP):** Dithiophen-2-yl methanone



704-38-1

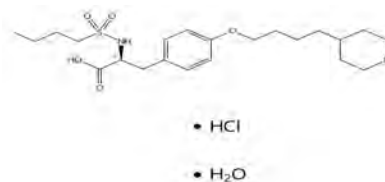
ACI 204811 **Tiotropium bromide monohydrate: Scopin Hydrochloride:** (1 $\alpha$ ,2 $\beta$ ,4 $\beta$ ,5 $\alpha$ ,7 $\beta$ )-9-Methyl-3-oxa-9-azatricyclo[3.3.1.0<sup>2,4</sup>]nonan-7-ol Hydrochloride



85700-55-6

## Tirofiban

ACI 207900 **Tirofiban Hydrochloride Monohydrate:** (S)-2-(Butylsulfonamido)-3-(4-(4-(piperidin-4-yl)butoxy)phenyl)propanoic acid hydrochloride hydrate

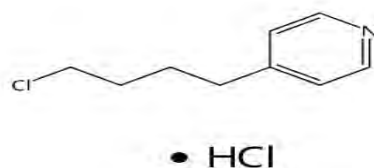


150915-40-5

• HCl

• H<sub>2</sub>O

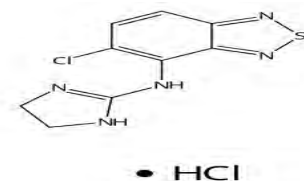
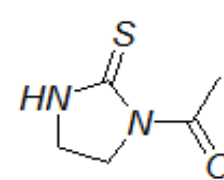
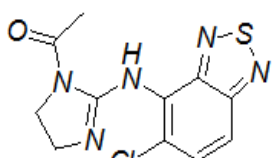
ACI 207911 **Tirofiban Impurity B HCl :** 4-(4-Pyridinyl)butyl chloride hydrochloride



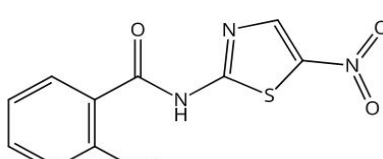
149463-65-0

• HCl

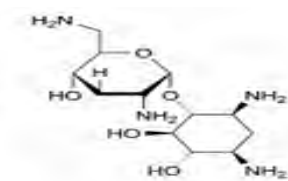
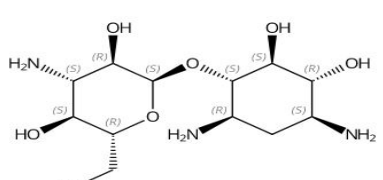
## Tizanidine

Code	Product Name	Structure	CAS No.
ACI 204600	<b>Tizanidine Hydrochloride:</b> 5-Chloro-N-(4,5-dihydro-1H-imidazol-2-yl)-2,1,3-benzothiadiazol-4-amine hydrochloride	 • HCl	64461-82-1
ACI 204611	<b>Tizanidine Impurity:</b> 1-acetylimidazolidine-2-thione		5391-52-6
ACI 204612	<b>Tizanidine Impurity:</b> N-acetyltizanidine		173532-15-5

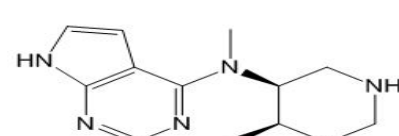
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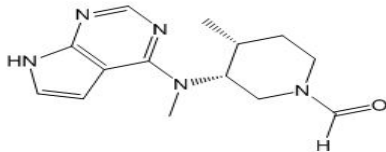
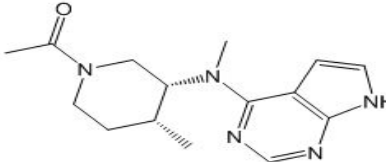
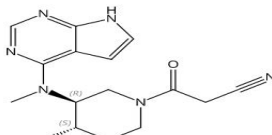
ACI 203800	<b>Tizoxanide:</b> 2-hydroxy-N-(5-nitro-2-thiazolyl)benzamide		173903-47-4
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## Tobramycin

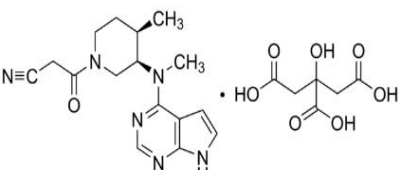
ACI 203002	<b>Tobramycin Imp. B (EP):</b> 2-deoxy-4-O-(2,6-diamino-2,3,6-trideoxy- $\alpha$ -D-ribo-hexopyranosyl)-D-streptamine (nebramine)		34051-04-2
ACI 203012	<b>Tobramycin Impurity:</b> 6-O-(3-Amino-3-deoxy- $\alpha$ -D-glucopyranosyl)-2-deoxy-D-streptamine (Deoxystreptamine-kanosaminide)		20744-51-8

## Tofacitinib

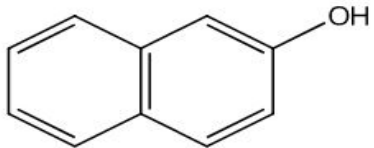
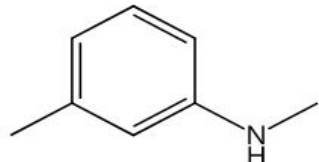
ACI 205511	<b>Tofacitinib amine impurity:</b> N-Methyl-N-((3R,4R)-4-methylpiperidin-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine		477600-74-1
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Code	Product Name	Structure	CAS No.
ACI 205512	<b>Tofacitinib N-Formyl impurity:</b> (3R,4R)-4-methyl-3-(methyl-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-1-Piperidinecarboxaldehyde		2227199-28-0
ACI 205513	<b>Tofacitinib Acetyl impurity:</b> 1-[(3R,4R)-4-methyl-3-(methyl-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-1-piperidinyl]-Ethanone		477600-76-3
ACI 205514	<b>Tofacitinib (3R,4S)-Isomer:</b> (3R,4S)-4-Methyl-3-(methyl-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-β-oxo-1-piperidinepropanenitrile		1092578-46-5

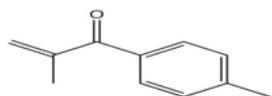
## Tofacitinib

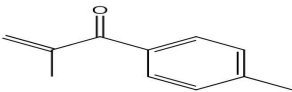
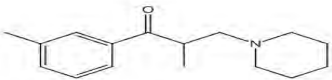
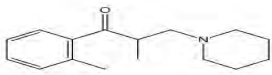
ACI 205500	<b>Tofacitinib citrate:</b> (3R,4R)-4-Methyl-3-(methyl-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-β-oxo-1-piperidinepropanenitrile; 2-Hydroxy-1,2,3-propanetricarboxylate; (3R,4R)-1-(Cyanoacetyl)-4- methyl-N-methyl-N-1H-pyrrolo[2,3-d]pyrimidin-4-yl-3-piperidinamine 2-Hydroxy-1,2,3-propanetricarboxylate		540737-29-9
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## Tolnaftate

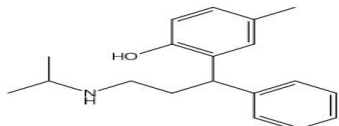
ACI 203901	<b>Tolnaftate Imp. A (EP):</b> Naphthalen-2-ol		135-19-3
ACI 203904	<b>Tolnaftate Imp. D (EP):</b> N,3-dimethylaniline		696-44-6

## Tolperisone

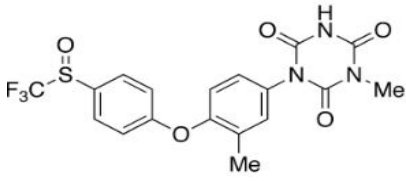
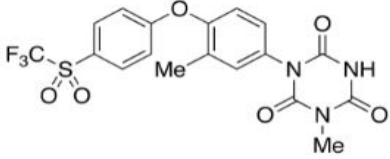
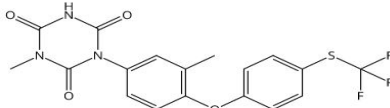
ACI 206611	<b>Tolperisone Impurity 1:</b> 1-(4-Methylphenyl)propan-1-ol		62834-89-3
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Code	Product Name	Structure	CAS No.
ACI 206612	<b>Tolperisone Impurity 2:</b> 2-methyl-1-(4-methylphenyl)propan-2-en-1-one		62834-89-3
ACI 206613	<b>Tolperisone Impurity 3:</b> 2-methyl-1-(3-methylphenyl)-3-(piperidin-1-yl)propan-1-one hydrochloride; 3-Tolperisone Hydrochloride	 • HCl	91625-74-0
ACI 206614	<b>Tolperisone Impurity:</b> 2-methyl-1-(2-methylphenyl)-3-(piperidin-1-yl)propan-1-one hydrochloride	 • HCl	91625-73-9

## Tolterodine

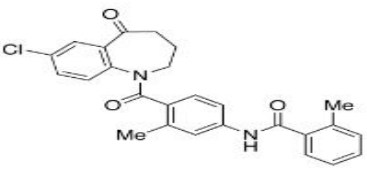
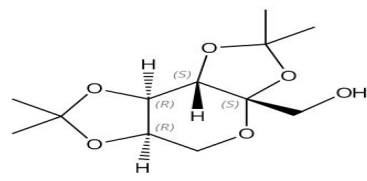
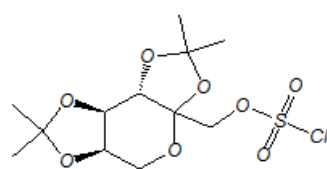
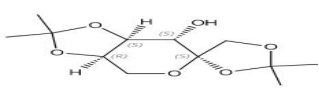
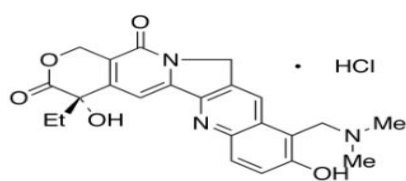
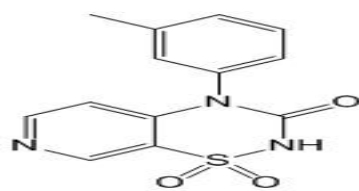
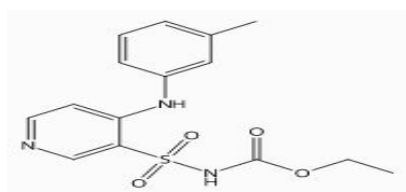
ACI 201705	<b>Tolterodine Imp. E (Pharmaeuropa):</b> 4-Methyl-2-[(1RS)-1-phenyl-3-(propan-2-ylamino)propyl]-phenol		480432-14-2
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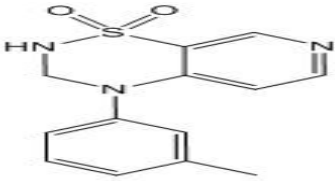
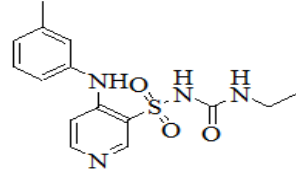
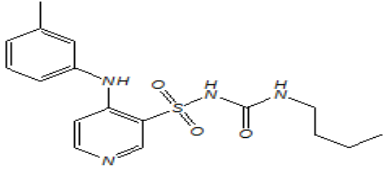
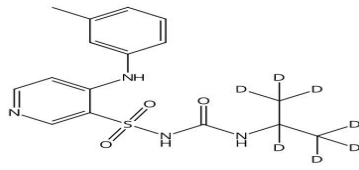
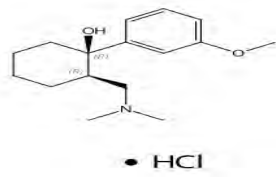
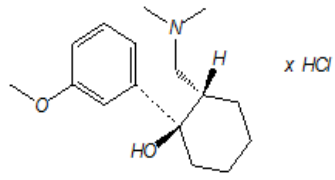
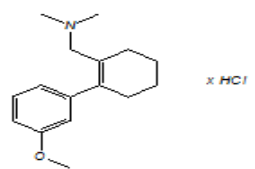
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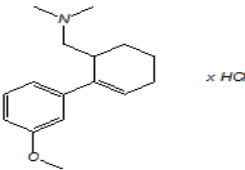
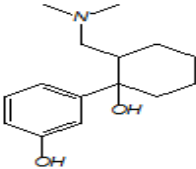
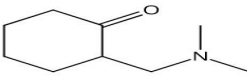
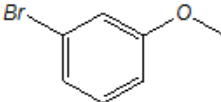
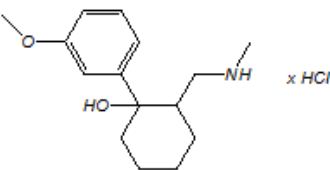
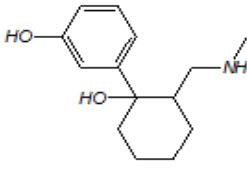
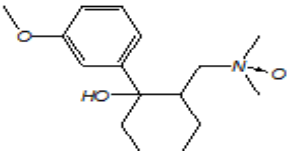
ACI 205911	<b>Toltrazuril sulfoxide :</b> 1-Methyl-3-[3-methyl-4-[4-(trifluoromethylsulfinyl)-phenoxy]-phenyl]-1,3,5-triazin-2,4,6(1H,3H,5H)-trion		69004-15-5
ACI 205912	<b>Toltrazuril sulfone:</b> 1-Methyl-3-[3-methyl-4-[4-[(trifluoromethyl)sulfonyl]phenoxy]phenyl]-1,3,5-triazine-2,4,6(1H,3H,5H)-trione		69004-04-2
ACI 205900	<b>Toltrazuril:</b> 1-Methyl-3-[3-methyl-4-[4-[(trifluoromethyl)thio]phenoxy]phenyl]-1,3,5-triazine-2,4,6(1H,3H,5H)-trione		69004-03-1

## Tolvaptan

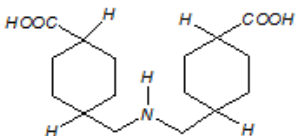
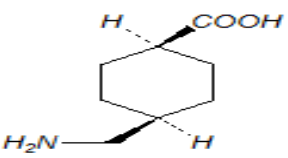
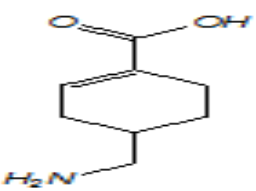
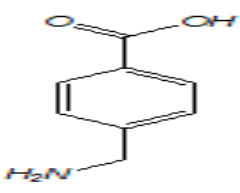
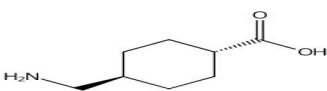
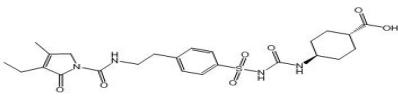
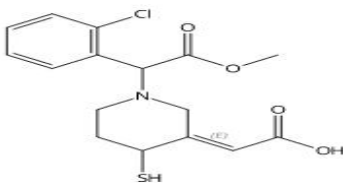


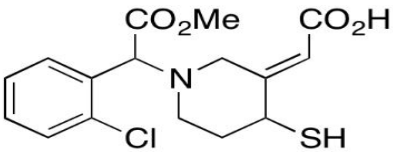
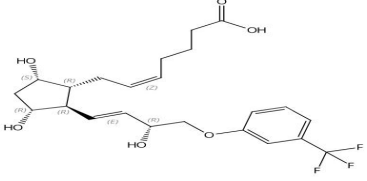
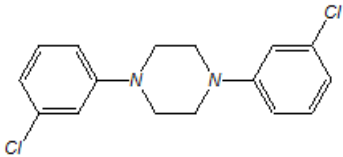
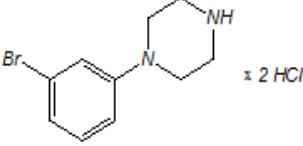
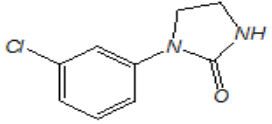
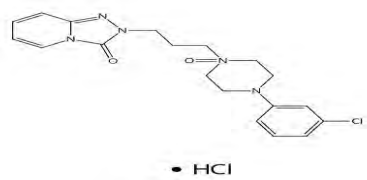
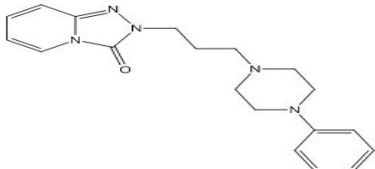
Code	Product Name	Structure	CAS No.
ACI 208011	<b>Tolvaptan Impurity</b> : N-[4-(7-chloro-5-oxo-2,3,4,5-tetrahydro-benzo[b]azepine-1-carbonyl)-3-methyl-phenyl]-2-methyl-benzamide		137973-76-3
<b>Topiramate</b>			
ACI 202101	<b>Topiramate Impurity</b> : 2,3:4,5-Bis-O-(1-methylethylidene)-beta-D-fructopyranose		20880-92-6
ACI 202102	<b>Topiramate Impurity</b> : 2,3:4,5-Bis-O-(1-methylethylidene)-beta-D-fructopyranose sulfonyl chloride		150609-95-3
ACI 202111	<b>Topiramate Impurity</b> : 1,2:4,5-Di-O-isopropylidene-beta-D-fructopyranose		25018-67-1
<b>Topotecan</b>			
ACI 200300	<b>Topotecan Hydrochloride</b> : (4S)-10-[(Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1H-pyrano[3',4',6'-7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione Hydrochloride		119413-54-6
<b>Torasemide</b>			
ACI 208101	<b>Torasemide imp.A (EP)</b> : 4-(3-methylphenyl)-2H-pyrido[4,3-e]-1,2,4-thiadiazin-3(4H)-one 1,1-dioxide		72810-61-8
ACI 208105	<b>Torasemide imp.E (EP)</b> : ethyl [[4-[(3-methylphenyl)amino]pyridin-3-yl]sulfonyl]carbamate		72810-57-2

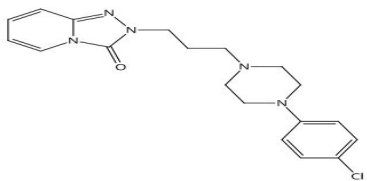
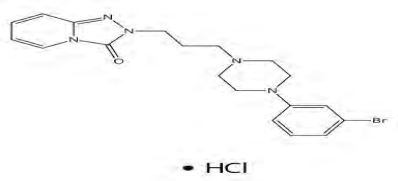
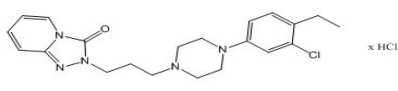
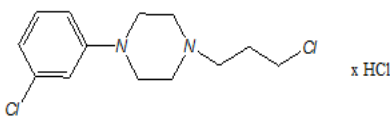
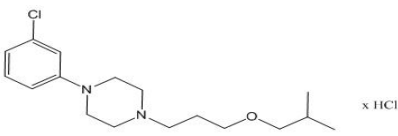
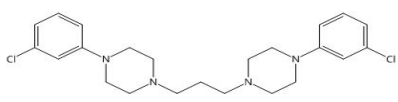
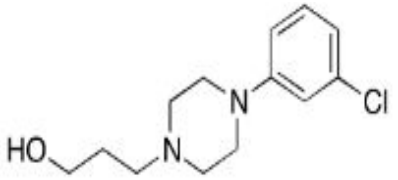
Code	Product Name	Structure	CAS No.
ACI 208111	<b>Torsemide impurity:</b> 3,4-Dihydro-4-(3-methylphenyl)-2H-pyrido[4,3-e]-1,2,4-thiadiazine 1,1-dioxide		947327-54-0
<b>Torsemide</b>			
ACI 204411	<b>Torsemide Impurity:</b> (N-[(ethylamino)carbonyl]-4-[(3-methylphenyl)amino]-3-pyridinesulfonamide)		58155-35-4
ACI 204412	<b>Torsemide Impurity:</b> N-[(n-butylamino)carbonyl]-4-[(3-methylphenyl)amino]-3-pyridinesulfonamide		160972-33-8
ACI 204450	<b>Torsemide d7 :</b> N-[[[(1-Methylethyl-d7)amino]carbonyl]-4-[(3-methylphenyl)amino]-3-pyridinesulfonamide		1189375-06-1
<b>Tramadol</b>			
ACI 200700	<b>Tramadol Hydrochloride:</b> (1RS,2SR)-2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol		36282-47-0
ACI 200701	<b>Tramadol Hydrochloride Imp. A (EP) as Hydrochloride:</b> (1RS,2SR)-2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol Hydrochloride		73806-49-2
ACI 200702	<b>Tramadol Hydrochloride Imp. B (EP) as Hydrochloride:</b> [2-(3-Methoxyphenyl)cyclohex-1-enyl]-N,N-dimethylmethanamine Hydrochloride		66170-32-9

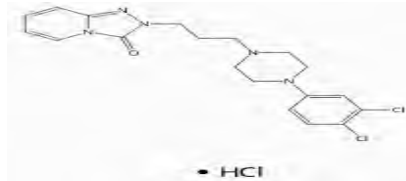
Code	Product Name	Structure	CAS No.
ACI 200703	<b>Tramadol Hydrochloride Imp. C (EP) as Hydrochloride:</b> (1RS)-[2-(3-methoxyphenyl)cyclohex-2-enyl]-N,N-dimethylmethanamine hydrochloride		66170-31-8
ACI 200704	<b>Tramadol Hydrochloride Imp. D (EP):</b> (1RS,2RS)-2-[(Dimethylamino)methyl]-1-(3-hydroxyphenyl) cyclohexanol		80456-81-1
ACI 200705	<b>Tramadol Hydrochloride Imp. E (EP):</b> (2RS)-2-[(dimethylamino)methyl]cyclohexanone		15409-60-6
ACI 200711	<b>Tramadol Hydrochloride Impurity:</b> 1-Bromo-3-methoxybenzene		2398-37-0
ACI 200712	<b>Tramadol Hydrochloride Impurity as hydrochloride:</b> N-desmethyl tramadol hydrochloride		1018989-94-0
ACI 200713	<b>Tramadol Hydrochloride Impurity:</b> 3-[(1R,2R)-1-Hydroxy-2-((methylamino)methyl)cyclohexyl]phenol(N,O-didesmethyl tramadol hydrochloride)		138853-73-3
ACI 200714	<b>Tramadol Hydrochloride Impurity:</b> (1RS,2RS)-2-[(Dimethyloxidoamino)methyl]-1-(3-methoxyphenyl)cyclohexanol		147441-56-3

## Tranexamic

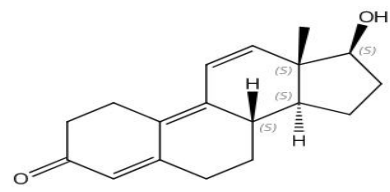
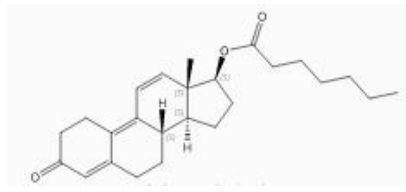
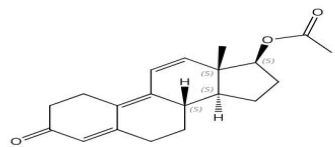
Code	Product Name	Structure	CAS No.
ACI 201801	<b>Tranexamic acid Imp. A (EP):</b> trans,trans-4,4'-(Iminodimethylene)di(cyclohexane-carboxylic)acid		93940-19-3
ACI 201802	<b>Tranexamic acid Imp. B (EP):</b> cis-4-(aminomethyl)cyclohexanecarboxylic acid		1197-17-7
ACI 201803	<b>Tranexamic acid Imp. C (EP):</b> (RS)-4-(aminomethyl)cyclohex-1-enecarboxylic acid		330838-52-3
ACI 201804	<b>Tranexamic acid Imp. D (EP):</b> 4-aminomethylbenzoic acid.		56-91-7
WS-201800	<b>Tranexamic acid:</b> trans-4-(Aminomethyl)cyclohexanecarboxylic acid		1197-18-8
<b>trans-Carboxylic</b>			
ACI 070923	<b>trans-Carboxylic Acid Glimepiride:</b> (1r,4r)-4-(3-((4-(2-(3-ethyl-4-methyl-2-oxo-2,5-dihydro-1H-pyrrole-1-carboxamido)ethyl)phenyl)sulfonyl)ureido)cyclohexane-1-carboxylic acid		1217739-04-2
<b>trans-Clopidogrel</b>			
ACI 033430	<b>trans-Clopidogrel Thiol Metabolite &gt;85%(Mixture of Diastereomers):</b> (3E)-3-(Carboxymethylene)-α-(2-chlorophenyl)-4-mercapto-1-piperidineacetic Acid 1-Methyl Ester		767612-34-0

Code	Product Name	Structure	CAS No.
ACI 033451	<b>trans-Clopidogrel Thiol Metabolite &gt;85%(Mixture of Diastereomers):</b> (3E)-3-(Carboxymethylene)- $\alpha$ -(2-chlorophenyl)-4-mercapto-1-piperidineacetic Acid 1-Methyl Ester		767612-34-0
<b>Travoprost</b>			
ACI 202201	<b>Travoprost Impurity:</b> (5Z,13E)-(9S,11R,15R)-9,11,15-trihydroxy-16-(m-trifluoromethylphenoxy)-17,18,19,20-tetranor-5,13-prostadienoic acid		54276-17-4
<b>Trazadone</b>			
ACI 202915	<b>Trazadone Hydrochloride Impurity:</b> 1,4-Bis(3-chlorophenyl)piperazine		79975-63-6
ACI 201211	<b>Trazadone Hydrochloride Impurity as dihydrochloride:</b> 1-(3-Bromophenyl)piperazine dihydrochloride		76835-07-9
ACI 201213	<b>Trazadone Hydrochloride Impurity:</b> 1-(3-chlorophenyl)-2-imidazolidinone		14088-98-3
<b>Trazodone</b>			
ACI 202901	<b>Trazadone Hydrochloride Imp. A (BP) as Hydrochloride:</b> 4-(3-Chloro-phenyl)-1-[3-(3-oxo-2,3-dihydro-1,2,4-triazolo[4,3-a]pyridin-2-yl)propyl]piperazine hydrochloride-N1-oxide (Trazodone N-Oxide Hydrochloride )		55290-66-9
ACI 202902	<b>Trazadone Hydrochloride Imp. B (BP):</b> 2-[3-(4-Phenylpiperazin-1-yl)propyl]-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one		62337-66-0

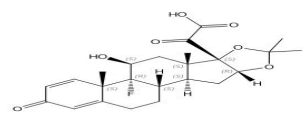
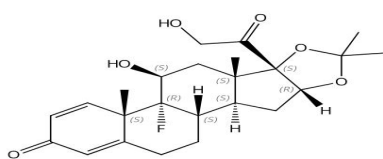
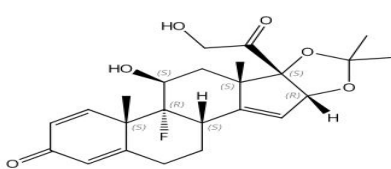
Code	Product Name	Structure	CAS No.
ACI 202903	<b>Trazodone Hydrochloride Imp. C (BP):</b> 2-[3-[4-(4-chlorophenyl)-1-piperazinyl]propyl]-1,2,4-Triazolo[4,3-a]pyridin-3(2H)-one		157072-19-0
ACI 202904	<b>Trazodone Hydrochloride Imp. D (BP) as Hydrochloride:</b> 2-3-[4-(3-Bromo-phenyl)piperazin-1-yl]propyl-1,2,4-triazolo [4,3-a]-pyridin-3(2H)-one hydrochloride		1263278-80-3
ACI 202905	<b>Trazodone Hydrochloride Imp. E (BP) as Hydrochloride:</b> 2-3-[4-(3-chloro-4-ethylphenyl)piperazin-1-yl]propyl-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one hydrochloride		NA
ACI 202906	<b>Trazodone Hydrochloride Imp. F (BP) as hydrochloride:</b> 1-(3-Chlorophenyl)-4-(3-chloropropyl)piperazine hydrochloride		52605-52-4
ACI 202907	<b>Trazodone Hydrochloride Imp. G (BP) as Hydrochloride:</b> 3-[4-(3-Chloro-phenyl)piperazin-1-yl]propylisobutyl Ether hydrochloride		NA
ACI 202908	<b>Trazodone Hydrochloride Imp. H (BP):</b> 1,3-Bis-[4-(3-chlorophenyl)piperazin-1-yl]propane		6323-09-7
ACI 202909	<b>Trazodone Hydrochloride Imp. I (EP):</b> 4-(3-Chlorophenyl)-1-piperazinepropanol		32229-98-4

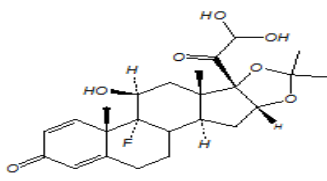
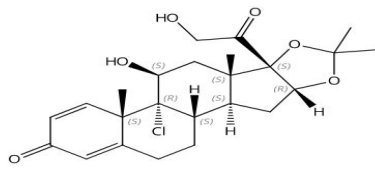
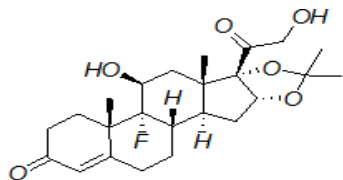
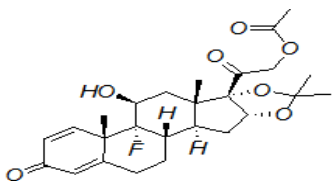
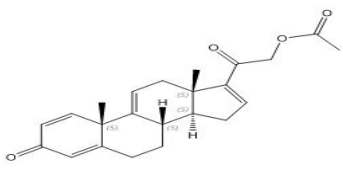
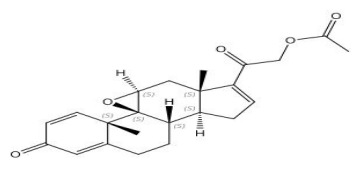
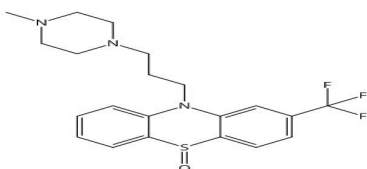
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ACI 202910	<b>Trazodone Hydrochloride Imp. J (EP) as HCl salt:</b> 2-[3-[4-(3,4-dichlorophenyl)-1-piperazinyl]propyl]-1,2,4-Triazolo [4,3-a]pyridin-3(2H)-one hydrochloride		1263278-79-0

## Trenbolone

ACI 208200	<b>Trenbolone :</b> 17 $\beta$ -Hydroxyestra-4,9,11-trien-3-one		10161-33-8
ACI 208300	<b>Trenbolone Enanthate:</b> (17 $\beta$ )-17-[(1-Oxoheptyl)oxy]estra-4,9,11-trien-3-one		1629618-98-9
ACI 208400	<b>Trenbolone Acetate:</b> 17 $\beta$ -Hydroxyestra-4,9,11-trien-3-one 17-acetate		10161-34-9

## Triamcinolone

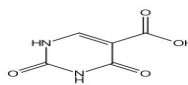
ACI 203414	<b>Triamcinolone acetonide ketoacid derivative:</b> (11 $\beta$ ,16 $\alpha$ )-9-Fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-3,20-dioxopregna-1,4-dien-21-oic Acid		53962-41-7
ACI 203400	<b>Triamcinolone acetonide:</b> (11 $\beta$ ,16 $\alpha$ )-9-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-pregna-1,4-diene-3,20-dione		76-25-5
ACI 203402	<b>Triamcinolone acetonide Imp B (EP):</b> (11 $\beta$ ,16 $\alpha$ )-9-fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-Pregna-1,4,14-triene-3,20-dione		1260149-96-9

Code	Product Name	Structure	CAS No.
ACI 203403	<b>Triamcinolone acetonide Imp C (EP):</b> 9-fluoro-11 $\beta$ ,21,21-trihydroxy-16 $\alpha$ ,17-(1-methylethylidenedioxy)pregna-1,4-diene-3,20-dione (triamcinolone acetonide 21-aldehyde hydrate)		161740-69-8
ACI 203404	<b>Triamcinolone acetonide Imp D (EP):</b> (11 $\beta$ ,16 $\alpha$ )-9-chloro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-Pregna-1,4-diene-3,20-dione		10392-74-2
ACI 203405	<b>Triamcinolone acetonide Imp E (EP):</b> 9-fluoro-11 $\beta$ ,21-dihydroxy-16 $\alpha$ ,17-(1-methylethylidenedioxy)pregna-4-ene-3,20-dione (1,2-dihydrotriamcinolone acetonide)		1524-86-3
ACI 203406	<b>Triamcinolone acetonide Imp F (EP):</b> 9-fluoro-11 $\beta$ -hydroxy-16 $\alpha$ ,17-(1-methylethylidenedioxy)-3,20-dioxopregna-1,4-dien-21-yl acetate (21-acetate triamcinolone acetonide).		3870-07-3
ACI 203412	<b>Triamcinolone acetonide Impurity:</b> (9 $\beta$ ,11 $\beta$ )-21-(Acetyloxy)-9,11-epoxypregna-1,4,16-triene-3,20-dione		37413-91-5
ACI 203413	<b>Triamcinolone acetonide Impurity:</b> (9 $\beta$ ,11 $\beta$ )-21-(Acetyloxy)-9,11-epoxypregna-1,4,16-triene-3,20-dione		103466-44-0
<b>Trifluoperazine</b>			
ACI 205001	<b>Trifluoperazine hydrochloride Impurity:</b> 10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)-10H-phenothiazine 5-oxide (Trifluoperazine Sulfoxide)		1549-88-8
<b>Trifluridine</b>			



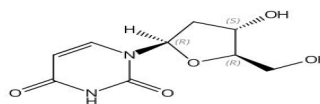
Code	Product Name	Structure	CAS No.
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ACI 209103 **Trifluridine Imp.C(EP):** 2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid (5-carboxyuracil)



23945-44-0

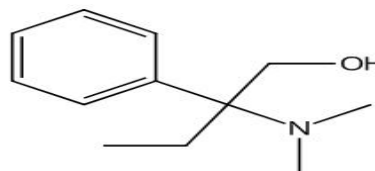
ACI 209104 **Trifluridine Imp.D(EP):** 1-(2-deoxy-β-D-erythro-pentofuranosyl)pyrimidine-2,4(1H,3H)-dione



951-78-0

## Trimebutine

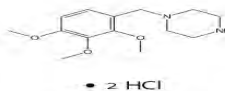
ACI 207101 **Trimebutine maleate Imp.A(EP):** (2RS)-2-(dimethylamino)-2-phenylbutanol



39068-94-5

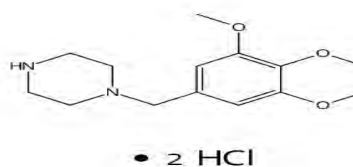
## Trimetazidine

ACI 200200 **Trimetazidine Dihydrochloride:** 1-(2,3,4-Trimethoxybenzyl)piperazine dihydrochloride



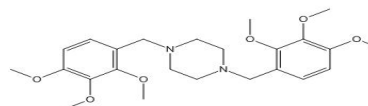
13171-25-0

ACI 200201 **Trimetazidine Dihydrochloride Imp. A (EP) as Dihydrochloride:** 1-(3,4,5-trimethoxybenzyl)piperazine dihydrochloride



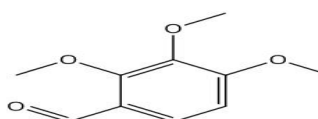
107049-57-0

ACI 200202 **Trimetazidine Dihydrochloride Imp. B (EP):** 1,4-bis(2,3,4-trimethoxybenzyl)piperazine

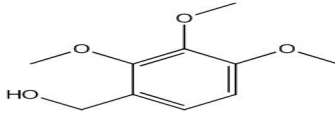
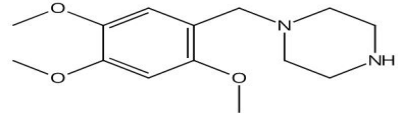
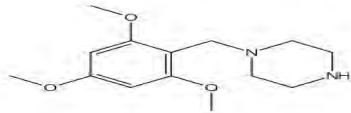
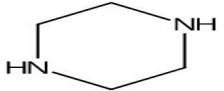
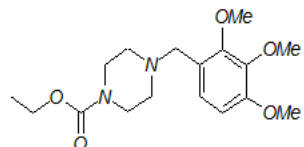
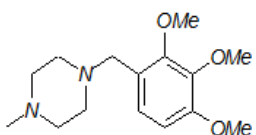
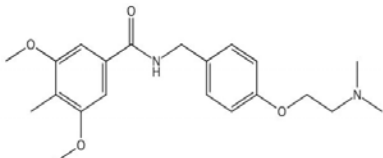


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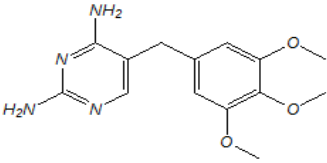
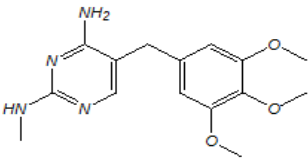
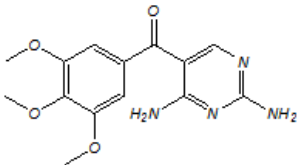
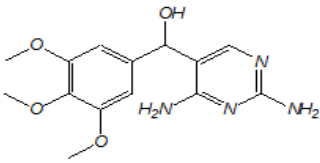
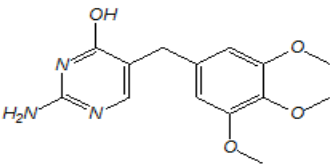
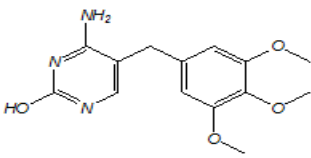
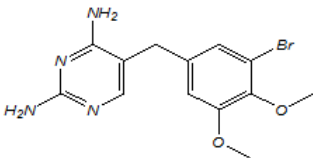
ACI 200203 **Trimetazidine Dihydrochloride Imp. C (EP):** 2,3,4-trimethoxybenzaldehyde

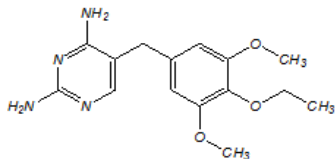
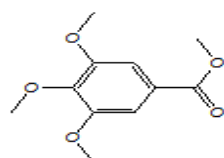
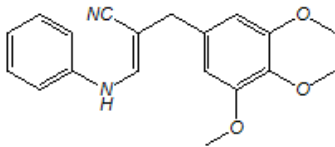
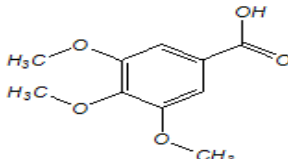
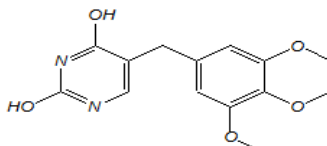
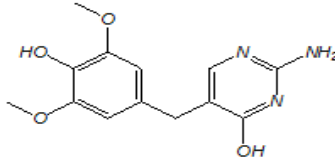
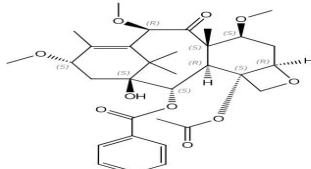


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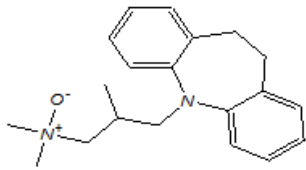
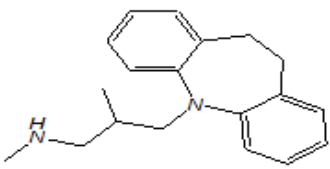
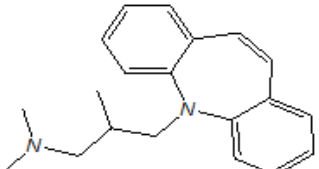
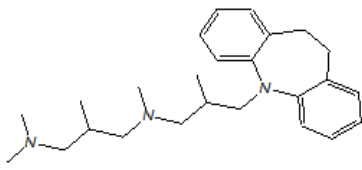
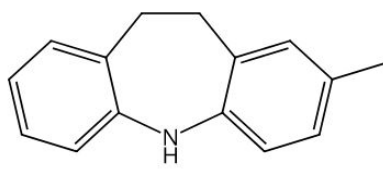
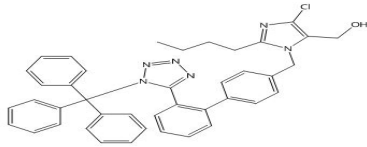
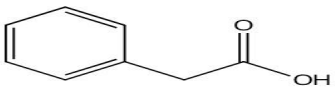
Code	Product Name	Structure	CAS No.
ACI 200204	<b>Trimetazidine Dihydrochloride Imp. D (EP):</b> (2,3,4-trimethoxyphenyl)methanol		71989-96-3
ACI 200205	<b>Trimetazidine Dihydrochloride Imp. E (EP):</b> 1-[(2,4,5-Trimethoxyphenyl)methyl]piperazine		356083-64-2
ACI 200206	<b>Trimetazidine Dihydrochloride Imp. F (EP) as dihydrochloride salt:</b> 1-(2,4,6-trimethoxybenzyl)piperazine dihydrochloride	 • 2 HCl	113698-83-2
ACI 200207	<b>Trimetazidine Dihydrochloride Imp. G (EP):</b> Diethylenediamine (Piperazine)		110-85-0
ACI 200208	<b>Trimetazidine Dihydrochloride Imp. H (EP) as Hydrochloride:</b> Ethyl 4-(2,3,4-trimethoxybenzyl)piperazine-1-carboxylate hydrochloride	 x HCl	n/a
ACI 200209	<b>Trimetazidine Dihydrochloride Imp. I (EP) as Dihydrochloride:</b> 1-Methyl-4-(2,3,4-trimethoxybenzyl)piperazine dihydrochloride (N-methyltrimetazidine dihydrochloride)	 x 2 HCl	53960-20-6
<b>Trimethobenzamide</b>			
ACI 207011	<b>Trimethobenzamide hydrochloride impurity:</b> N-(4-(2-(dimethylamino)ethoxy)benzyl)-3,5-dimethoxy-4-methylbenzamide (Desoxy-Trimethoxybenzamide)		1293840-13-7

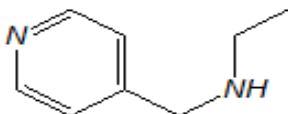
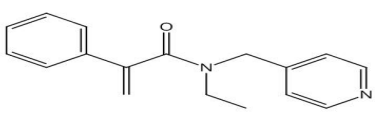
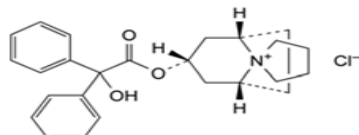
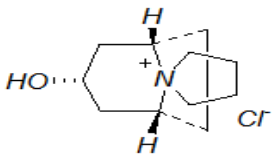
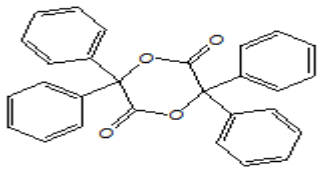
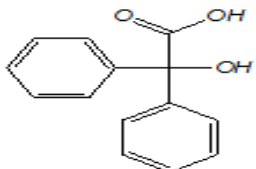
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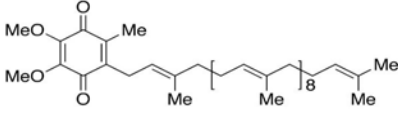
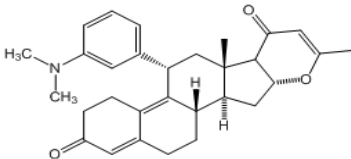
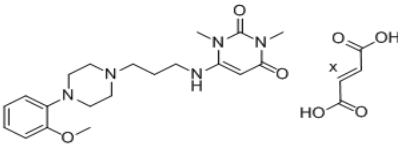
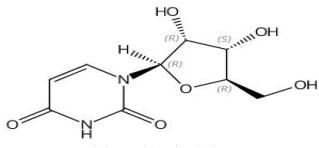
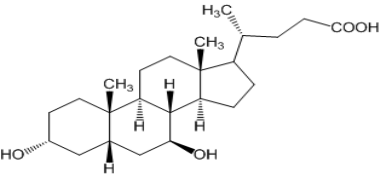
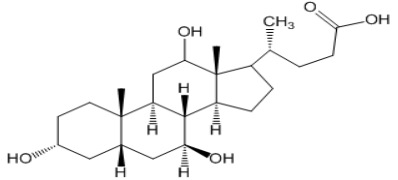
Code	Product Name	Structure	CAS No.
ACI 203100	<b>Trimethoprim:</b> 5-(3,4,5-Trimethoxybenzyl)pyrimidine-2,4-diamine		738-70-5
ACI 203101	<b>Trimethoprim Imp. A (EP):</b> N2-methyl-5-(3,4,5-trimethoxybenzyl)pyrimidine-2,4-diamine		213745-86-9
ACI 203102	<b>Trimethoprim Imp. B (EP):</b> (2,4-diaminopyrimidin-5-yl)(3,4,5-trimethoxyphenyl)methanone		30806-86-1
ACI 203103	<b>Trimethoprim Imp. C (EP):</b> (RS)-(2,4-Diaminopyrimidin-5-yl)(3,4,5-trimethoxyphenyl)methanol		29606-06-2
ACI 203104	<b>Trimethoprim Imp. D (EP):</b> 2-Amino-5-(3,4,5-trimethoxybenzyl)pyrimidin-4-ol		92440-76-1
ACI 203105	<b>Trimethoprim Imp. E (EP):</b> 4-Amino-5-(3,4,5-trimethoxybenzyl)pyrimidin-2-ol		60729-91-1
ACI 203106	<b>Trimethoprim Imp. F (EP):</b> 5-(3-bromo-4,5-dimethoxybenzyl)pyrimidine-2,4-diamine		16285-82-8

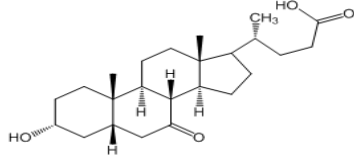
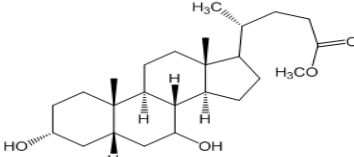
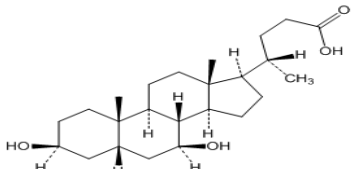
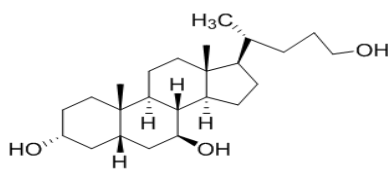
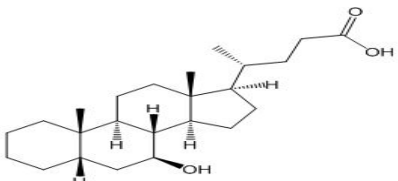
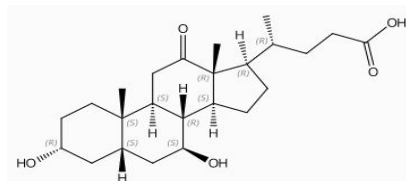
Code	Product Name	Structure	CAS No.
ACI 203107	<b>Trimethoprim Imp. G (EP):</b> 5-(4-ethoxy-3,5-dimethoxybenzyl)pyrimidine-2,4-diamine		78025-68-0
ACI 203108	<b>Trimethoprim Imp. H (EP):</b> Methyl 3,4,5-trimethoxybenzoate		1916-07-0
ACI 203109	<b>Trimethoprim Imp. I (EP):</b> 3-(phenylamino)-2-(3,4,5-trimethoxybenzyl)prop-2-enenitrile		30078-48-9
ACI 203110	<b>Trimethoprim Imp. J (EP):</b> 3,4,5-trimethoxybenzoic acid		118-41-2
ACI 203115	<b>Trimethoprim Impurity:</b> 5-(3,4,5-Trimethoxybenzyl)pyrimidin-2,4-diol		93885-69-9
ACI 203116	<b>Trimethoprim Impurity:</b> 2-Amino-5-(4-hydroxy-3,5-dimethoxybenzyl)pyrimidin-4-ol		72920-13-9
<b>Trimethoxy</b>			
ACI 030617	<b>Trimethoxy 10-DAB III:</b> 10-Deacetyl-7,10,13-trimethyl Baccatin III		1584118-06-8

## Trimipramine

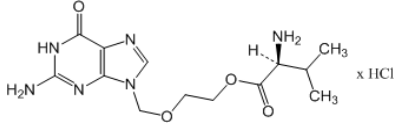
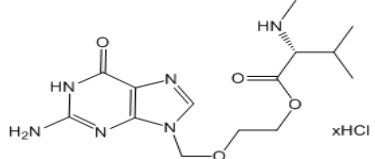
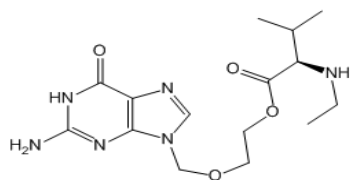
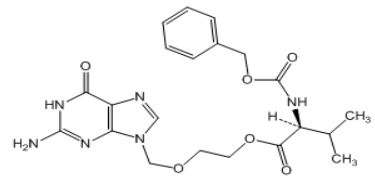
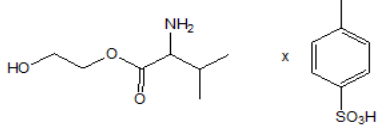
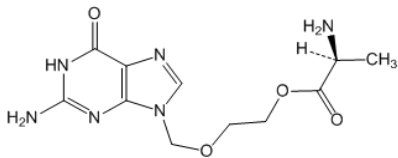
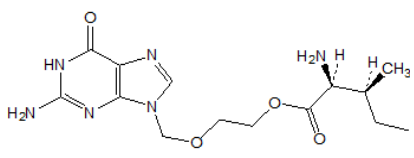
Code	Product Name	Structure	CAS No.
ACI 204901	<b>Trimipramine Imp. A (EP):</b> (2RS)-3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N,2-trimethylpropan-1-amine N-oxide		14171-70-1
ACI 204902	<b>Trimipramine Imp. B (EP):</b> (2RS)-3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,2-dimethylpropan-1-amine (Desmethyl trimipramine)		2293-21-2
ACI 204903	<b>Trimipramine Imp. C (EP):</b> (2RS)-3-(5H-dibenzo[b,f]azepin-5-yl)-N,N,2-trimethylpropan-1-amine		315-69-5
ACI 204905	<b>Trimipramine Imp. E (EP):</b> mixture of the stereoisomers of N-[3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-2-methylpropyl]-N,N',2-tetramethylpropane-1,3-diamine (Trimipramine diamine)		n/a
ACI 204907	<b>Trimipramine maleate Imp. G (EP):</b> 2-Methyl-10,11-dihydro-5H-dibenzo[b,f]azepine		150802-55-4
<b>Trityl</b>			
ACI 120725	<b>Trityl losartan impurity 1H-isomer:</b> (2-butyl-4-chloro-1-((2'-(1-trityl-1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-imidazol-5-yl)methanol		124751-00-4
<b>Tropicamide</b>			
ACI 202404	<b>Tropicamide Imp D (EP):</b> Phenylacetic acid		103-82-2

Code	Product Name	Structure	CAS No.
ACI 202401	<b>Tropicamide Imp A (EP):</b> N-(pyridin-4-ylmethyl)ethanamine		33403-97-3
ACI 202402	<b>Tropicamide Imp B (EP):</b> N-ethyl-2-phenyl-N-(pyridin-4-ylmethyl)propanamide		57322-50-6
<b>Tropium</b>			
ACI 204700	<b>Tropium chloride:</b> (1R,3r,5S)-3-[(Hydroxydiphenylacetyl)oxy]spiro[8-azonia-bicyclo[3.2.1]octane-8,1'-pyrrolidinium] chloride		10405-02-4
ACI 204703	<b>Tropium chloride Imp. C (EP):</b> (1R,3r,5S)-3-hydroxyspiro[8-azoniabicyclo[3.2.1]octane,1'-pyrrolidinium].		3464-71-9
ACI 203611	<b>Tropium impurity:</b> 3,3,6,6-Tetraphenyl-1,4-dioxane-2,5-dione (Benzilide)		467-32-3
ACI 161312	<b>Tropium chloride Imp. A:</b> Hydroxydiphenylacetic acid (benzilic acid)		76-93-7

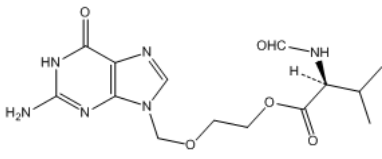
Code	Product Name	Structure	CAS No.
<b>Ubiquinol</b>			
ACI 210011	<b>Ubiquinol Acetate Impurity(Coenzyme Q10):</b> 2-[(2E,6E,10E,14E,18E,22E,26E,30E,34E)-3,7,11,15,19,23,27,31,35,39-Decamethyl-2,6,10,14,18,22,26,30,34,38-tetracontadecaen-1-yl]-5,6-dimethoxy-3-methyl-2,5-cyclohexadiene-1,4-dione		303-98-0
<b>Ulipristal</b>			
ACI 210411	<b>Ulipristal Impurity :</b> (11R,13S,17S)-11-(4-(dimethylamino)phenyl)-5',13-dimethyl-1,6,7,8,11,12,13,14,15,16-decahydro-3'H-spiro[cyclopenta[a]phenanthrene-17,2'-furan]-3,3'(2H)-dione (17-Spyrofuran Impurity)		n/a
<b>Urapidil</b>			
ACI 210300	<b>Urapidil fumarate:</b> 6-[[3-[4-(2-methoxyphenyl)-1-piperazinyl]propyl]amino]-1,3-dimethyl-2,4(1H,3H)-Pyrimidinedione- (E)-2-butenedioate		102411-11-0
<b>Uridine</b>			
ACI R21001	<b>Uridine:</b> 1-β-D-Ribofuranosyluracil		58-96-8
<b>Ursodeoxycholic</b>			
ACI 210200	<b>Ursodeoxycholic Acid:</b> 3α,7β-Dihydroxy-5β-cholan-24-oic acid.		128-13-2
ACI 210204	<b>Ursodeoxycholic acid Imp. D (EP):</b> 3α,7β,12α-trihydroxy-5β-cholan-24-oic acid (Ursocholic acid)		2955-27-3

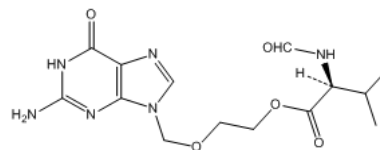
Code	Product Name	Structure	CAS No.
ACI 210206	<b>Ursodeoxycholic acid Imp. F(EP):</b> 3 $\alpha$ -hydroxy-7-oxo-5 $\beta$ -cholan-24-oic acid (7-ketolithocholicacid)		4651-67-6
ACI 210207	<b>Ursodeoxycholic acid Imp. G (EP):</b> Methyl 3 $\alpha$ ,7 $\beta$ -dihydroxy-5 $\beta$ -cholan-24-oate		10538-55-3
ACI 210208	<b>Ursodeoxycholic acid Imp. H (EP):</b> 3 $\beta$ ,7 $\beta$ -dihydroxy-5 $\beta$ -cholan-24-oic acid (Isoursodeoxycholic Acid)		78919-26-3
ACI 210209	<b>Ursodeoxycholic acid Imp. I (EP):</b> (3R,5S,7S,8R,9S,10S,13R,14S,17R)-17-((R)-5-Hydroxypentan-2-yl)-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthrene-3,7-diol		130593-75-8
ACI 210216	<b>Ursodeoxycholic acid Impurity:</b> 7 $\beta$ -Hydroxy-5 $\beta$ -cholanoic Acid		10601-78-2
ACI 210217	<b>Ursodeoxycholic acid Impurity:</b> (3 $\alpha$ ,5 $\beta$ ,7 $\beta$ )-3,7-Dihydroxy-12-oxo-cholan-24-oic Acid		81873-91-8

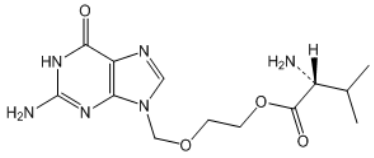


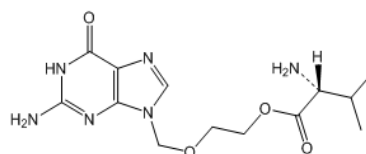
Code	Product Name	Structure	CAS No.
<b>Valaciclovir</b>			
ACI 220500	<b>Valaciclovir Hydrochloride:</b> 2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl-L-valinate hydrochloride		124832-27-5
ACI 220503	<b>Valaciclovir Hydrochloride Imp. C (EP) as Hydrochloride:</b> 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl N-methyl-L-valinate Hydrochloride		1346617-39-7
ACI 220504	<b>Valaciclovir Hydrochloride Imp. D (EP):</b> 2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl N-ethyl-L-valinate		1346747-69-0
ACI 220505	<b>Valaciclovir Hydrochloride Imp. E (EP):</b> 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl N-[(benzyloxy)carbonyl]-L-valinate		124832-31-1
ACI 220506	<b>Valaciclovir Hydrochloride Imp. F (EP) as paratoluenesulfonate:</b> 2-Hydroxyethyl L-valinate paratoluenesulfonate salt		86150-61-0
ACI 220508	<b>Valaciclovir Hydrochloride Imp. H (EP):</b> 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl l-alaninate		84499-64-9
ACI 220510	<b>Valaciclovir Hydrochloride Imp. J (EP):</b> 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl l-isoleucinate		142963-63-1

Code	Product Name	Structure	CAS No.
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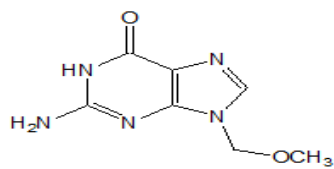
ACI 220513	<b>Valaciclovir Hydrochloride Imp. M (EP):</b> 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl N-formyl-L-valinate		847670-62-6
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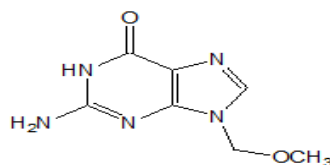


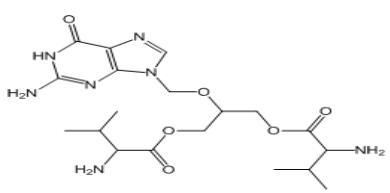
ACI 220518	<b>Valaciclovir Hydrochloride Imp. R (EP):</b> 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl D-valinate		142963-60-8
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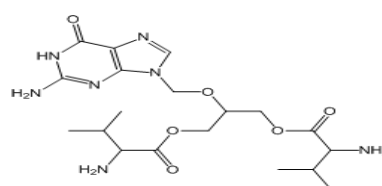


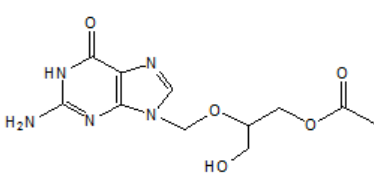
## Valganciclovir

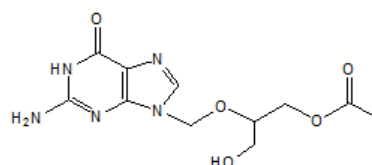
ACI 220711	<b>Valganciclovir Hydrochloride Impurity:</b> 2-Amino-1,9-dihydro-9-(methoxymethyl)-6H-Purin-6-one (Methoxymethylguanine)		1202645-50-8
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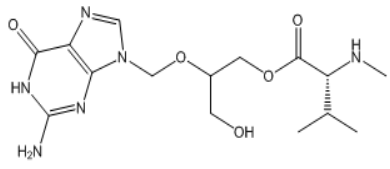


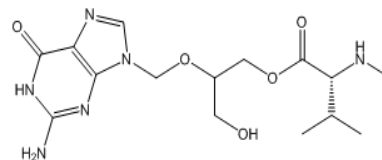
ACI 220713	<b>Valganciclovir Hydrochloride Impurity:</b> 2-(RS)-[(2-Amino-6-oxo-1,6-dihydropurin-9-yl)methoxy]propane-1,3-diyl bis(L-valinate). (Bis-valine ester of ganciclovir)		130914-71-5
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ACI 220717	<b>Valganciclovir Hydrochloride Impurity:</b> 9-[[2-(Acetyloxy)-1-(hydroxymethyl)ethoxy]methyl]-2-amino-1,9-dihydro-6H-Purin-6-one (Monoacetoxy ganciclovir)		88110-89-8
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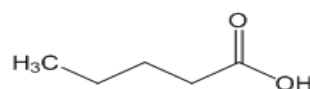


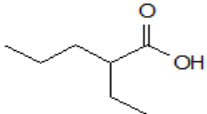
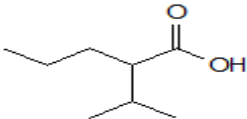
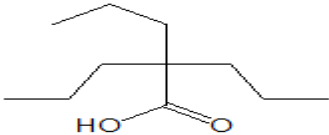

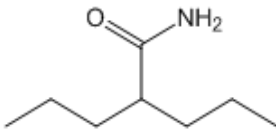
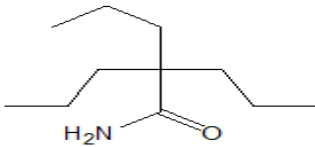

ACI 220719	<b>Valganciclovir Hydrochloride Impurity:</b> Ganciclovir mono-N-methyl valinate		1401562-16-0
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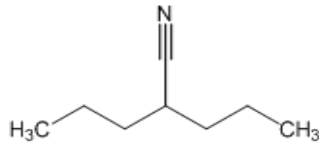
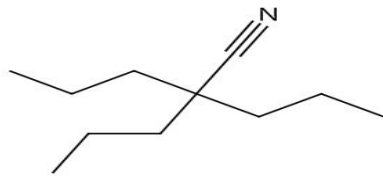
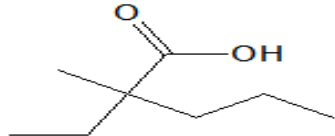
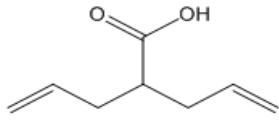
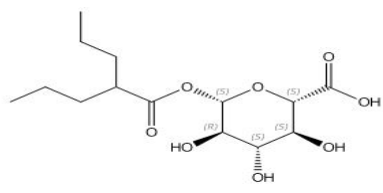
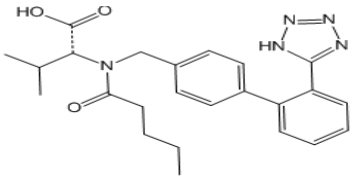
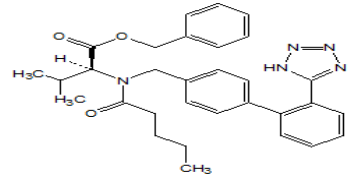


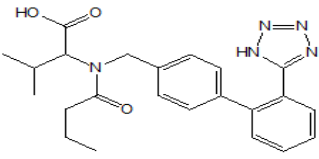
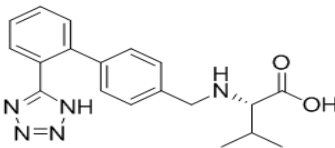
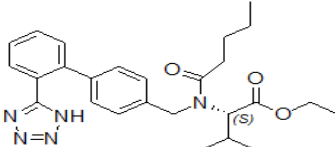
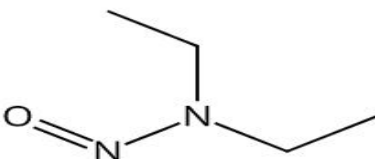
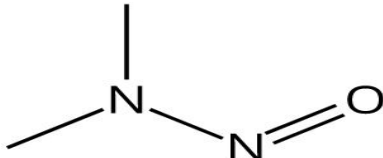
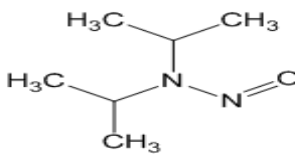
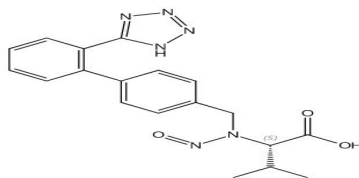
## Valproic

ACI 220201	<b>Valproic Acid Imp. A (EP):</b> Pentanoic acid		109-52-4
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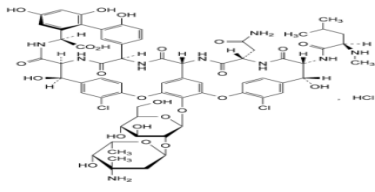
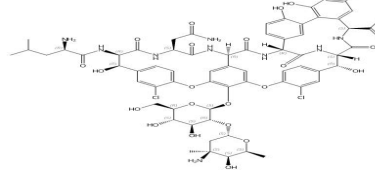
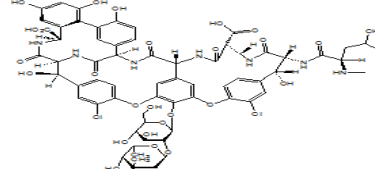
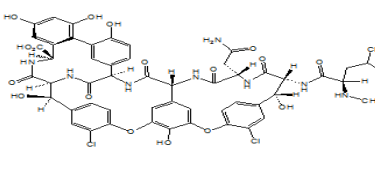
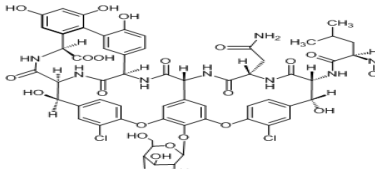
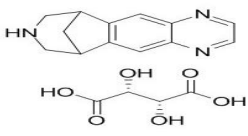
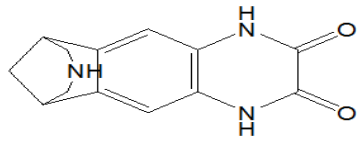


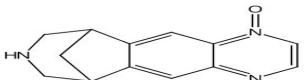
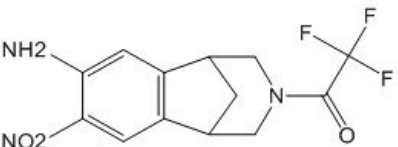
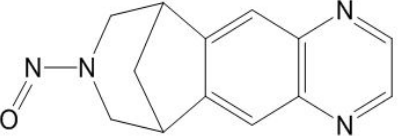
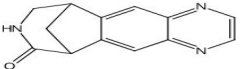
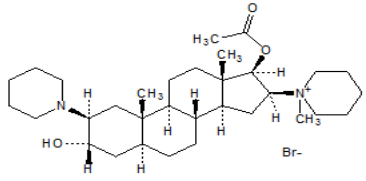
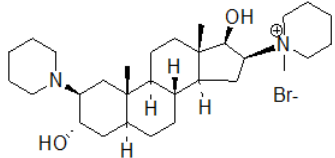
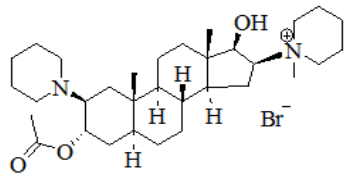
Code	Product Name	Structure	CAS No.
ACI 220202	<b>Valproic Acid Imp. B (EP):</b> (2RS)-2-Ethylpentanoic Acid		20225-24-5
ACI 220203	<b>Valproic Acid Imp. C (EP):</b> (2RS)-2-(1-Methylethyl)-pentanoic Acid		62391-99-5
ACI 220204	<b>Valproic Acid Imp. D (EP):</b> 2,2-dipropylpentanoic acid,		52061-75-3
ACI 220205	<b>Valproic Acid Imp. E (EP):</b> Pentanamide		626-97-1
ACI 220206	<b>Valproic Acid Imp. F (EP):</b> 2-propylpentanamide		2430-27-5
ACI 220207	<b>Valproic Acid Imp. G (EP):</b> 2,2-dipropylpentanamide		n/a
ACI 220208	<b>Valproic Acid Imp. H (EP):</b> Pentanenitrile		110-59-8

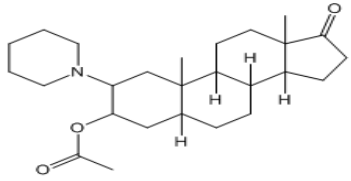
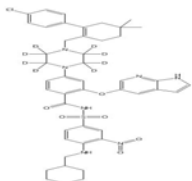
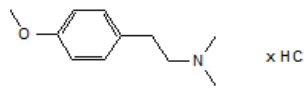
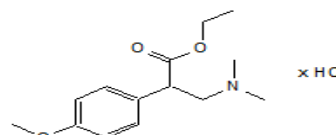
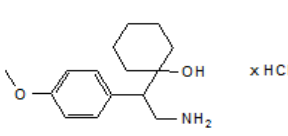
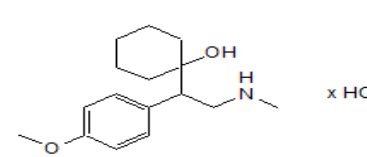
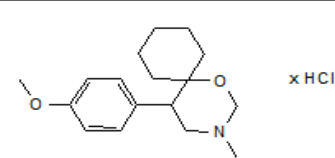
Code	Product Name	Structure	CAS No.
ACI 220209	<b>Valproic Acid Imp. I (EP):</b> 2-propylpentanenitrile		13310-75-3
ACI 220210	<b>Valproic Acid Imp. J (EP):</b> 2-propylpentanenitrile		5340-48-7
ACI 220211	<b>Valproic Acid Imp. K (EP):</b> (2RS)-2-ethyl-2-methylpentanoic acid		5343-52-2
ACI 220221	<b>Valproic Acid Impurity:</b> Diallyl acetic acid		99-67-2
ACI 220225	<b>Valproic acid acyl-D-glucuronide:</b> 1-(2-Propylpentanoate) D-glucopyranuronic acid; Valproate acyl-D-glucuronide		60113-83-9
<b>Valsartan</b>			
ACI 220401	<b>Valsartan Imp. A (EP):</b> (2R)-3-Methyl-2-[pentanoyl[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]amino]butanoic acid		137862-87-4
ACI 220402	<b>Valsartan Imp. B (EP):</b> Benzyl (2S)-3-methyl-2-[pentanoyl[[2'-(1H-tetrazol-5-yl) biphenyl-4-yl]methyl]amino]butanoate		137863-20-8

Code	Product Name	Structure	CAS No.
ACI 220403	<b>Valsartan Imp. C (EP):</b> (2S)-2-[butanoyl[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl] amino]-3-methylbutanoic acid		952652-79-8
ACI 220413	<b>Valsartan Impurity:</b> N-[[2'-(1H-Tetrazole-5-yl)biphenyl-4-yl]methyl]-L-valine (Devaleryl Valsartan)		676129-92-3
ACI 220414	<b>Valsartan Impurity:</b> N-(1-Oxopentyl)-N-[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-L-valine Ethyl Ester (Valsartan ethyl ester)		1111177-30-0
ACI 220415	<b>Valsartan Impurity:</b> N-Nitrosodiethylamine (NDEA)		55-18-5
ACI 220416	<b>Valsartan Impurity:</b> N-Nitrosodimethylamine (NDMA)		62-75-9
ACI 220418	<b>Valsartan Impurity:</b> N-Nitrosodiisopropylamine (NNDIA)		601-77-4
ACI 220426	<b>Valsartan Nitrosamine Impurity :</b> (S)-2-(((2'-(1H-Tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)(nitroso)amino)-3-methylbutanoic Acid		2254485-68-0

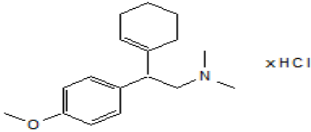
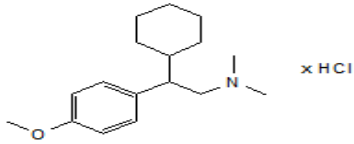
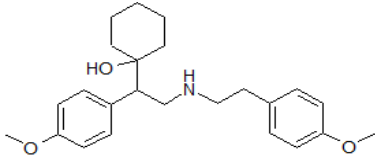
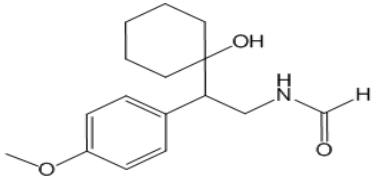
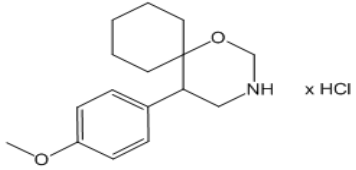
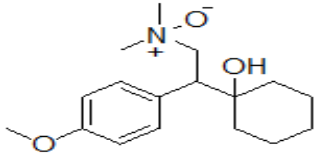
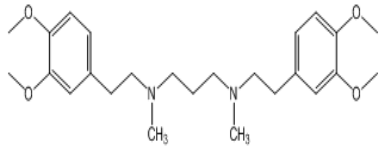
## Vancomycin

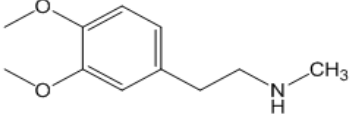
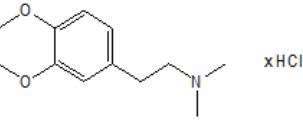
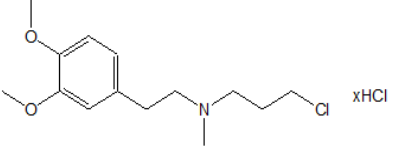
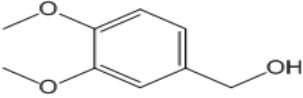
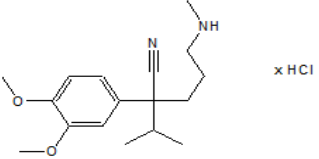
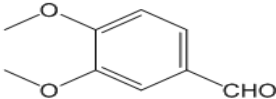
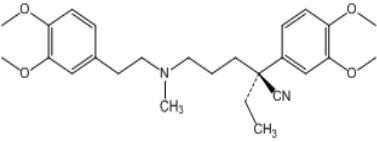
Code	Product Name	Structure	CAS No.
ACI 220800	<b>Vancomycin hydrochloride</b> : 22H-8,11:18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine, vancomycin deriv		1404-93-9
ACI 220801	<b>Vancomycin hydrochloride Imp. A (EP):</b> N-demethylvancomycin B		91700-98-0
ACI 220802	<b>Vancomycin hydrochloride Imp. B (EP):</b> aglucovancomycin B		n/a
ACI 220803	<b>Vancomycin hydrochloride Imp. C (EP):</b> aglucovancomycin B		82198-76-3
ACI 220804	<b>Vancomycin hydrochloride Imp. D (EP):</b> desvancosaminylvancomycin B		101485-50-1
<b>Varenicline</b>			
ACI 221400	<b>Varenicline Tartrate:</b> 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-, (2R,3R)-2,3-dihydroxybutanedioate (1:1)		375815-87-5
ACI 221411	<b>Varenicline Tartrate Impurity:</b> 4,6,7,8,9,10-hexahydro-1H-6,10-methano-pyrazino[2,3-h][3]benzazepine-2,3-dione (Varenicline Tartrate DP-I Impurity)		357424-07-8

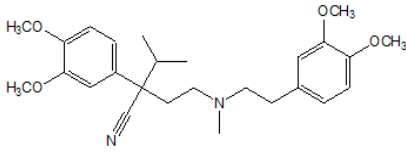
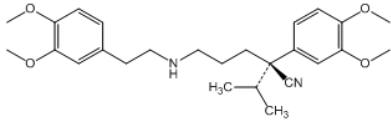
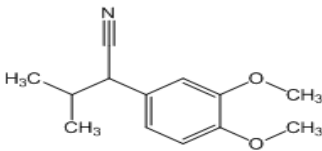
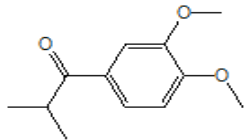
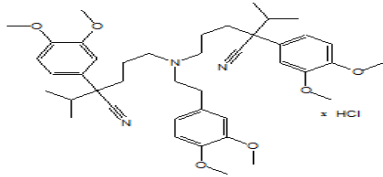
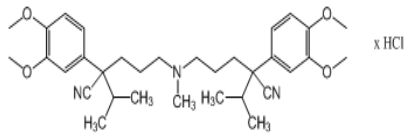
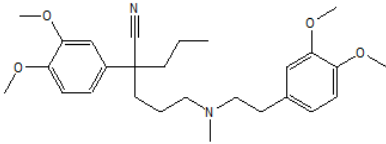
Code	Product Name	Structure	CAS No.
ACI 221412	<b>Varenicline N-oxide:</b> 7,8,9,10-Tetrahydro-6H-6,10-methanoazepino[4,5-g]quinoxaline 1-oxide		2306217-12-7
ACI 221428	<b>Varenicline tartrate impurity:</b> 3-(Trifluoroacetyl)-8-nitro-2,3,4,5-Tetrahydro-1,5-methano-1H-3-benzazepine-7-amine		950781-89-2
ACI 221430	<b>Varenicline Tartrate Impurity:</b> 8-nitroso-7,8,9,10-tetrahydro-6H-6,10-methanoazepino[4,5-g]quinoxaline		NA
ACI-221448	<b>Varenicline Lactam:</b> 6,8,9,10-Tetrahydro-6,10-methano-7H-pyrazino[2,3-h][3]benzazepin-7-one		873302-30-8
<b>Vecuronium</b>			
ACI 221103	<b>Vecuronium bromide Imp.C (EP):</b> 1-[17β-(acetyloxy)-3α-hydroxy-2β-(piperidin-1-yl)-5α-androstan-16β-yl]-1-methylpiperidin-1-ium bromide		73319-13-8
ACI 221104	<b>Vecuronium bromide Imp.D (EP):</b> 1-[3α,17β-dihydroxy-2β-(piperidin-1-yl)-5α-androstan-16β-yl]-1-methylpiperidin-1-ium bromide		73319-30-9
ACI 221105	<b>Vecuronium bromide Imp.E (EP):</b> 1-[3α-(acetyloxy)-17β-hydroxy-2β-(piperidin-1-yl)-5α-androstan-16β-yl]-1-methylpiperidin-1-ium bromide		50587-95-6

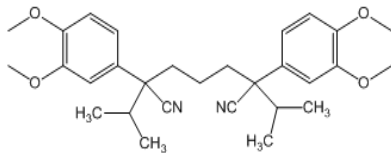
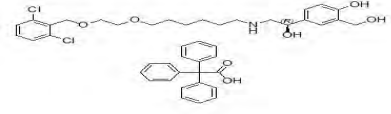
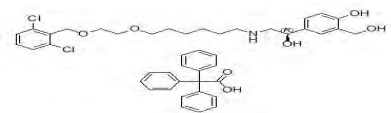
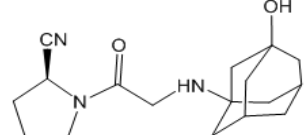
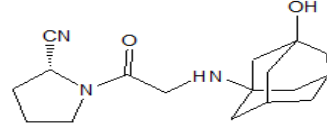
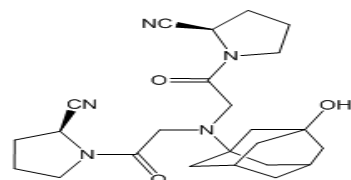
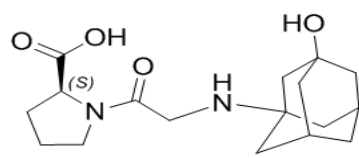
Code	Product Name	Structure	CAS No.
ACI 221106	<b>Vecuronium bromide Imp .F (EP):</b> 2β-(piperidin-1-yl)-17-oxo-5α-androstan-3α-yl acetate		18668-29-6
<b>Venetoclax-d8</b>			
ACI 221530	<b>Venetoclax-d8:</b> 2-((1H-pyrrolo[2,3-b]pyridin-5-yl)oxy)-4-(4-((4'-chloro-5,5-dimethyl-3,4,5,6-tetrahydro-[1,1'-biphenyl]-2-yl)methyl)piperazin-1-yl)-2,2,3,3,5,5,6,6-d8)-N-((3-nitro-4-(((tetrahydro-2H-pyran-4-yl)methyl)amino)phenyl)sulfonyl)benzamide		1257051-06-1
<b>Venlafaxine</b>			
ACI 220101	<b>Venlafaxine Hydrochloride Imp. A (EP) as Hydrochloride:</b> 2-(4-Methoxyphenyl)-N,N-dimethylethanamine hydrochloride		50822-98-5
ACI 220102	<b>Venlafaxine Hydrochloride Imp. B (EP) as hydrochloride:</b> Ethyl (2RS)-3-(dimethylamino)-2-(4-methoxyphenyl)-propanoate hydrochloride		323176-93-8
ACI 220103	<b>Venlafaxine Hydrochloride Imp. C (EP) as Hydrochloride:</b> 1-[(1RS)-2-amino-1-(4-methoxyphenyl)ethyl]cyclohexanol hydrochloride		130198-05-9
ACI 220104	<b>Venlafaxine Hydrochloride Imp. D (EP) as Hydrochloride:</b> 1-[2-N-Methylamino-1-(4-methoxyphenyl)-ethyl]cyclohexanol Hydrochloride		93413-90-2
ACI 220105	<b>Venlafaxine Hydrochloride Imp. E (EP) as Hydrochloride:</b> (5RS)-5-(4-methoxyphenyl)-3-methyl-1-oxa-3-azaspiro[5.5] undecane hydrochloride		93413-56-0

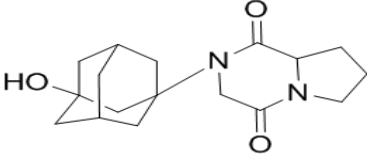
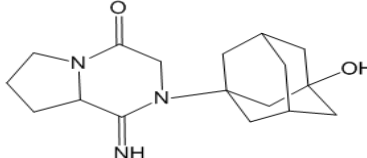
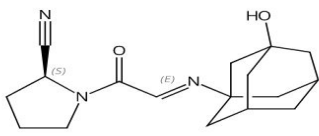
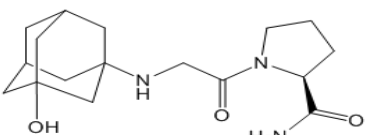
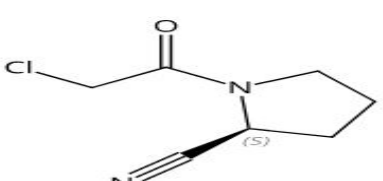


Code	Product Name	Structure	CAS No.
ACI 220106	<b>Venlafaxine Hydrochloride Imp. F (EP) as Hydrochloride:</b> N-[2-(4-Methoxyphenyl)-2-cyclohex-1-enyl]-N,N-dimethyl ethylamine Hydrochloride		93413-79-7
ACI 220107	<b>Venlafaxine Hydrochloride Imp. G (EP) as Hydrochloride:</b> (2RS)-2-cyclohexyl-2-(4-methoxyphenyl)-N,N-dimethyl ethanamine hydrochloride		1076199-92-2
ACI 220108	<b>Venlafaxine Hydrochloride Imp. H (EP):</b> 1-[1-(4-Methoxyphenyl)]-2-[(2-(4-methoxy-phenyl)ethyl) amino]ethyl]cyclohexanol		1329795-88-1
ACI 220111	<b>Venlafaxine Hydrochloride Impurity:</b> N-[2-(1-Hydroxycyclohexyl)-2-(4-methoxyphenyl)ethyl]-Formamide		272788-07-5
ACI 220112	<b>Venlafaxine Hydrochloride Impurity as Hydrochloride salt:</b> 5-(4-Methoxyphenyl)-1-Oxa-3-azaspiro [5.5]undecaneHydrochloride		n/a
ACI 220113	<b>Venlafaxine Hydrochloride Impurity:</b> 1-[2-(Dimethyloxidoamino)-1-(4-methoxyphenyl)ethyl]-cyclohexanol (Venlafaxine N-Oxide)		1094598-37-4
<b>Verapamil</b>			
ACI 220601	<b>Verapamil hydrochloride Imp. A (EP):</b> N,N'-bis[2-(3,4-dimethoxyphenyl)ethyl]-N,N'-dimethylpropane-1,3-diamine		141991-88-0

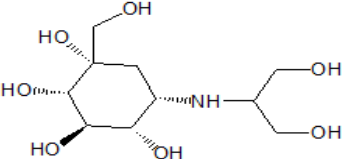
Code	Product Name	Structure	CAS No.
ACI 220602	<b>Verapamil hydrochloride Imp. B (EP):</b> 2-(3,4-dimethoxyphenyl)-N-methylethanamine		3490-06-0
ACI 220603	<b>Verapamil hydrochloride Imp. C (EP) as Hydrochloride:</b> 2-(3,4-dimethoxyphenyl)-N,N-dimethylethanamine Hydrochloride		51012-67-0
ACI 220604	<b>Verapamil hydrochloride Imp. D (EP):</b> 3-chloro-N-[2-(3,4-dimethoxyphenyl)ethyl]-N-methylpropan-1-amine		n/a
ACI 220605	<b>Verapamil hydrochloride Imp. E (EP):</b> (3,4-dimethoxyphenyl)methanol		93-03-8
ACI 220606	<b>Verapamil hydrochloride Imp. F (EP) as Hydrochloride:</b> (2RS)-2-(3,4-dimethoxyphenyl)-5-(methylamino)-2-(1-methylethyl)pentanenitrile Hydrochloride		67775-97-7
ACI 220607	<b>Verapamil hydrochloride Imp. G (EP):</b> 3,4-dimethoxybenzaldehyde		120-14-9
ACI 220608	<b>Verapamil hydrochloride Imp. H (EP):</b> (2RS)-2-(3,4-dimethoxyphenyl)-5-[[2-(3,4-dimethoxyphenyl)ethyl](methyl)amino]-2-ethylpentanenitrile,		67018-83-1

Code	Product Name	Structure	CAS No.
ACI 220609	<b>Verapamil hydrochloride Imp. I (EP):</b> (2RS)-2-(3,4-dimethoxyphenyl)-2-[[2-[(3,4-dimethoxy-phenyl)ethyl] (methyl)amino]ethyl]-3-methylbutanenitrile		n/a
ACI 220610	<b>Verapamil hydrochloride Imp. J (EP):</b> (2RS)-2-(3,4-dimethoxyphenyl)-5-[[2-(3,4-dimethoxy-phenyl)ethyl]amino]-2-(1-methylethyl)pentanenitrile (N-norverapamil)		n/a
ACI 220611	<b>Verapamil hydrochloride Imp. K (EP):</b> (2RS)-2-(3,4-dimethoxyphenyl)-3-methylbutanenitrile		20850-49-1
ACI 220612	<b>Verapamil hydrochloride Imp. L (EP):</b> 1-(3,4-dimethoxyphenyl)-2-methylpropan-1-one		14046-55-0
ACI 220613	<b>Verapamil hydrochloride Imp. M (EP) as Hydrochloride:</b> 5,5'-[[2-(3,4-dimethoxyphenyl)ethyl]imino] bis[2-(3,4-dimethoxyphenyl)-2-(1-methylethyl)pentanenitrile] Hydrochloride		190850-50-1
ACI 220614	<b>Verapamil hydrochloride Imp. N (EP) as Hydrochloride:</b> 5,5'-(methylimino)bis[2-(3,4-dimethoxyphenyl)-2-(1-methyl ethyl)pentanenitrile] Hydrochloride		NA
ACI 220615	<b>Verapamil hydrochloride Imp. O (EP):</b> (2RS)-2-(3,4-dimethoxyphenyl)-5-[[2-(3,4-dimethoxyphenyl) ethyl] (methyl)amino]- 2-propylpentanenitrile		959011-16-6

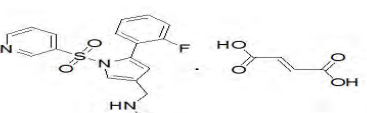
Code	Product Name	Structure	CAS No.
ACI 220616	<b>Verapamil hydrochloride Imp. P (EP):</b> 2,6-bis(3,4-dimethoxyphenyl)-2,6-bis(1-methylethyl)-heptane-1,7-dinitrile		n/a
<b>Vilanterol</b>			
ACI 221800	<b>Vilanterol Trifenatate:</b> 4-[(R)-2-[[6-[2-(2,6-Dichlorobenzyloxy)ethoxy]hexyl]amino]-1-hydroxyethyl]-2-(hydroxymethyl)phenol triphenylacetate		503070-58-4
ACI-221800	<b>Vilanterol Trifenatate:</b> 4-[(R)-2-[[6-[2-(2,6-Dichlorobenzyloxy)ethoxy]hexyl]amino]-1-hydroxyethyl]-2-(hydroxymethyl)phenol triphenylacetate		503070-58-4
<b>Vildagliptin</b>			
ACI 221300	<b>Vildagliptin:</b> (2S)-1-[2-[(3-Hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl)amino]acetyl]-2-pyrrolidinecarbonitrile		274901-16-5
ACI 221311	<b>Vildagliptin Impurity:</b> (R)-1-(2-(3-Hydroxyadamantan-1-ylamino) acetyl) pyrrolidine-2-carbonitrile or (R)-Vildagliptin (R-enantiomer)		1036959-27-9
ACI 221312	<b>Vildagliptin Dimer Impurity:</b> (2S,2'S)-1,1'-[[[3-Hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl]imino]bis(1-oxo-2,1-ethanediyl)]bis-2-pyrrolidinecarbonitrile (Vildagliptin Dimer impurity)		1036959-23-5
ACI 221313	<b>Vildagliptin Impurity:</b> N-(3-Hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl)glycyl-L-proline (Vildagliptin carboxylic acid impurity)		565453-40-9

Code	Product Name	Structure	CAS No.
ACI 221314	<b>Vildagliptin Impurity:</b> (8aS)-Hexahydro-2-(3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl)-pyrrolo[1,2-a]pyrazine-1,4-dione		1844894-70-7
ACI 221315	<b>Vildagliptin Impurity:</b> (S)-2-((1r,3R,5R,7S)-3-Hydroxyadamantan-1-yl)-1-imino-hexahydropyrrolo[1,2-a]pyrazin-4(1H)-one (Vildagliptin Cyclo Imidamide)		1789703-37-2
ACI 221317	<b>Vildagliptin Imino Impurity:</b> (S)-1-((E)-2-(((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)imino)acetyl)pyrrolidine-2-carbonitrile		1846606-31-2
ACI 221323	<b>Vildagliptin Amide Impurity:</b> N-(3-Hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl)glycyl-L-prolinamide (Vildagliptin Amide Impurity)		565453-39-6
ACI 221324	<b>Vildagliptin Impurity:</b> (S)-1-(2-Chloroacetyl)pyrrolidine-2-carbonitrile		207557-35-5

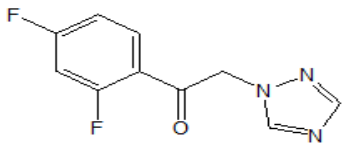
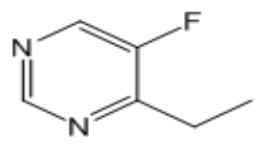
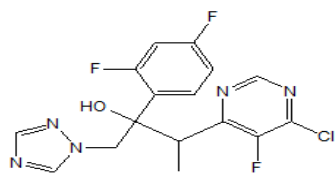
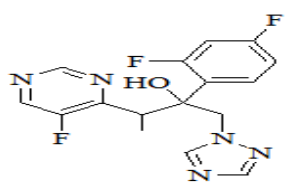
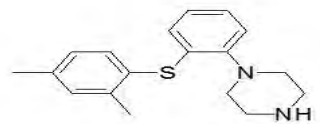
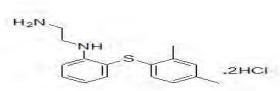
## Voglibose

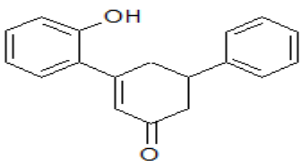
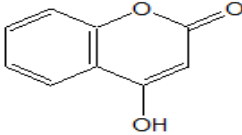
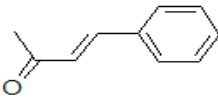
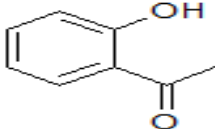
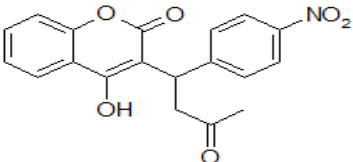
ACI 220900	<b>Voglibose:</b> 3,4-Dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)-D-epiinositol OR		83480-29-9
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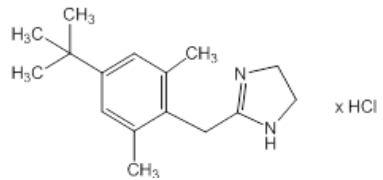
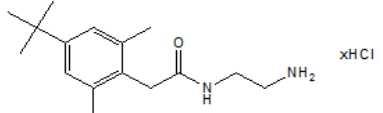
## Vonoprazan

ACI 221600	<b>Vonoprazan fumarate:</b> 5-(2-Fluorophenyl)-N-methyl-1-(3-pyridinylsulfonyl)-1H-pyrrole-3-methanamine (2E)-2-butenedioate		881681-01-2
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## Voriconazole

Code	Product Name	Structure	CAS No.
ACI 220301	<b>Voriconazole Imp.A:</b> 1-(2,4-difluorophenyl)-2-(1H-1,2,4-triazol-1-yl)ethanone		86404-63-9
ACI 220303	<b>Voriconazole Imp.C:</b> 4-ethyl-5-fluoropyrimidine		137234-88-9
ACI 220306	<b>Voriconazole Impurity:</b> 3-(6-chloro-5-fluoropyrimidin-4-yl)-2-(2,4-difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol		188416-35-5
ACI 220307	<b>Voriconazole Impurity:</b> ((2RS, 3RS)-2-(2,4-Difluorophenyl)-3-(5-fluoropyrimidin-4-yl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol		182230-43-9
<b>Vortioxetine</b>			
ACI 221900	<b>Vortioxetine hydrobromide:</b> 1-[2-[(2,4-Dimethylphenyl)thio]phenyl]-piperazine Hydrobromide		960203-27-4
ACI 221911	<b>Vortioxetine Diamine Impurity:</b> N1-(2-[(2,4-Dimethylphenyl)thio]phenyl)ethane-1,2-diamine dihydrochloride		NA

Code	Product Name	Structure	CAS No.
<b>Warfarin</b>			
ACI 230101	<b>Warfarin Sodium Imp. A (EP):</b> (5RS)-3-(2-hydroxyphenyl)-5-phenylcyclohex-2-enone		15156-56-6
ACI 230102	<b>Warfarin Sodium Imp. B (EP):</b> 4-hydroxy-2H-1-benzopyran-2-one		1076-38-6
ACI 230103	<b>Warfarin Sodium Imp. C (EP):</b> (3E)-4-phenylbut-3-en-2-one		1896-62-4
ACI 230110	<b>Warfarin Sodium Impurity:</b> 2-Hydroxyacetophenone		118-93-4
ACI 230111	<b>Warfarin Sodium Impurity:</b> Acenocoumarol		152-72-7

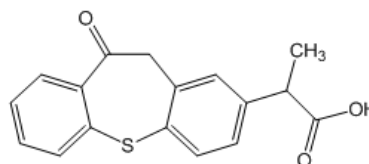
Code	Product Name	Structure	CAS No.
<b>Xylometazoline</b>			
ACI 240100	<b>Xylometazoline hydrochloride:</b> 2-[4-(1,1-Dimethylethyl)-2,6-dimethylbenzyl]-4,5-dihydro-1H-imidazole hydrochloride		1218-35-5
ACI 240101	<b>Xylometazoline hydrochloride Imp. A (EP) as Hydrochloride:</b> N-(2-aminoethyl)-2-[4-(1,1-dimethylethyl)-2,6-dimethyl-phenyl]acetamide Hydrochloride		81201-80-1



Code	Product Name	Structure	CAS No.
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### Zaltoprofen

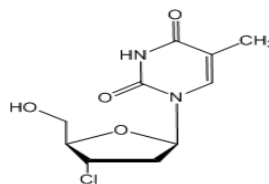
ACI 261000 **Zaltoprofen:** 2-(10,11-Dihydro-10-oxodibenzo[b,f]thiepin-2-yl)propionic Acid



74711-43-6

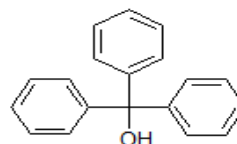
### Zidovudine

ACI 260102 **Zidovudine Imp. B (EP):** 1-(3-chloro-2,3-dideoxy-β-d-erythro-pentofuranosyl)-5-methylpyrimidine-2,4(1H,3H)-dione



25526-94-7

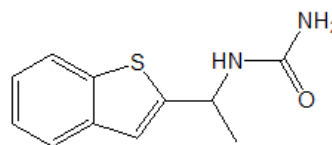
ACI 260104 **Zidovudine Imp. D (EP):** Triphenylmethanol



76-84-6

### Zileuton

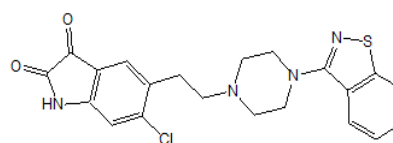
ACI 260601 **Zileuton Impurity:** N-(1-Benzo-[b]thien-2-ylethyl)urea



171370-49-3

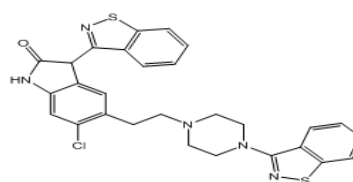
### Ziprasidone

ACI 260802 **Ziprasidone hydrochloride Imp. B (EP):** 5-[2-[4-(1,2-Benzisothiazol-3-yl)piperazin-1-yl]ethyl]-6-chloro-1H-indole-2,3-dione



1159977-56-6

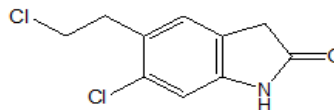
ACI 260805 **Ziprasidone hydrochloride Imp. E (EP):** 3-(1,2-benzisothiazol-3-yl)-5-[2-[4-(1,2-benzisothiazol-3-yl)piperazin-1-yl]ethyl]-6-chloro-1,3-dihydro-2H-indol-2-one



1159977-04-4

Code	Product Name	Structure	CAS No.
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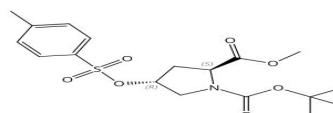
ACI 260811 **Ziprasidone hydrochloride Impurity:** 6-Chloro-5-(2-chloroethyl)-1,3-dihydro-2H-indol-2-one



118289-55-7

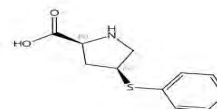
## Zofenopril

ACI 261211 **Zofenopril Calcium Impurity:** trans-N-tert-Butyloxycarbonyl-4-tosyloxy-L-proline Methyl Ester



88043-21-4

ACI-261213 **Zofenopril Calcium Impurity:** cis-4-(Phenylthio)-L-proline Hydrochloride

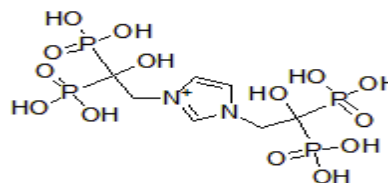


• HCl

105107-84-4

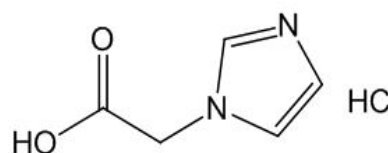
## Zoledronic

ACI-260711 **Zoledronic acid monohydrate Imp.B(EP):** 1,3-bis(2-hydroxy-2,2-diphosphonoethyl)-1H-imidazol-3-ium.



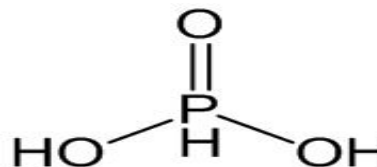
1632236-60-2

ACI 260702 **Zoledronic acid Impurity as Hydrochloride Salt:** 2-(Imidazole-1-yl)acetic acid Hydrochloride



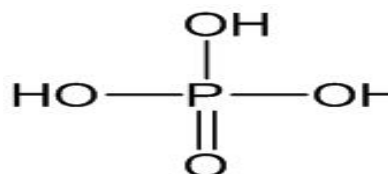
87266-37-3

ACI 260705 **Zoledronic acid Monohydrate Imp. E (EP):** Phosphonic acid (Phosphorous acid)



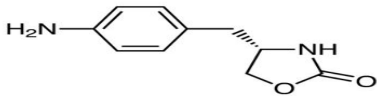
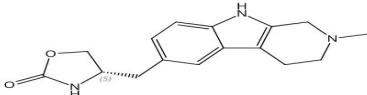
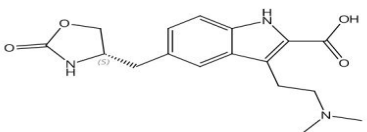
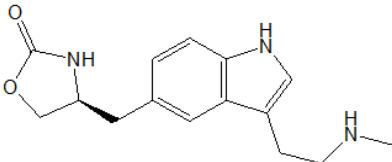
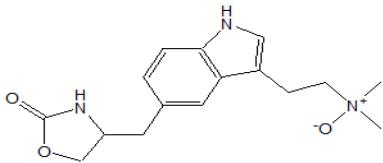
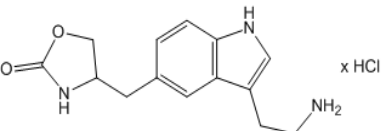
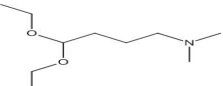
13598-36-2

ACI 260706 **Zoledronic acid monohydrate Imp.F (EP):** Phosphoric acid

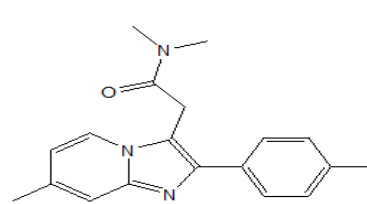
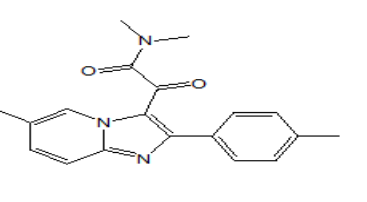
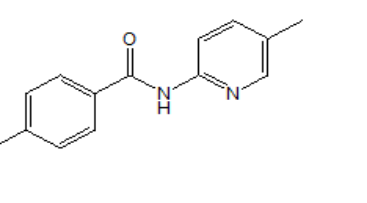
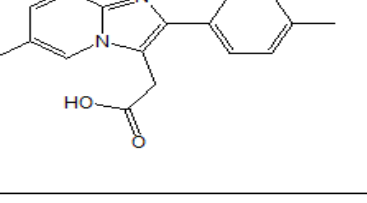
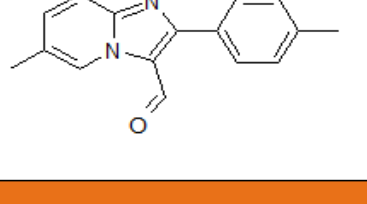
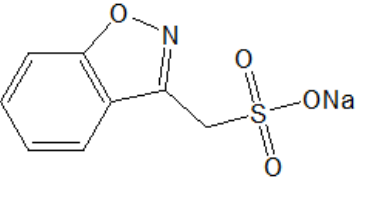
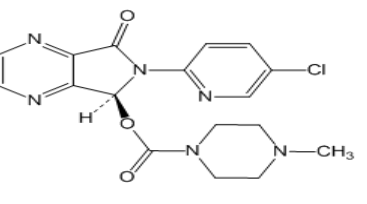


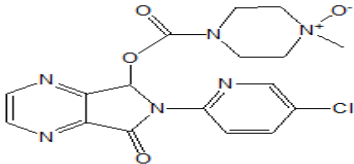
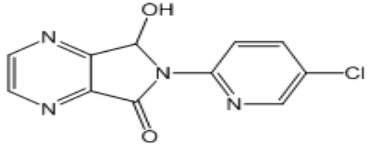
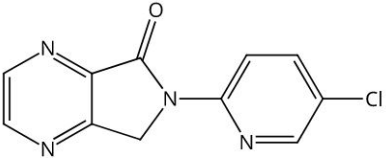
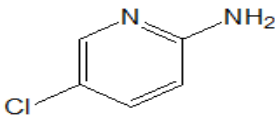
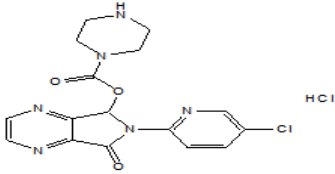
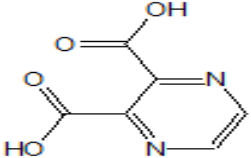
7664-38-2

## Zolmitriptan

Code	Product Name	Structure	CAS No.
ACI 260405	<b>Zolmitriptan Imp.E (EP):</b> (4S)-4-[(4-aminophenyl)methyl]-1,3-oxazolidin-2-one		152305-23-2
ACI 260408	<b>Zolmitriptan Imp.H(EP):</b> (4S)-4-[(2-methyl-1,2,3,4-tetrahydro-9H-pyrido[3,4-b]indol-6-yl)methyl]-1,3-oxazolidin-2-one		2518343-21-8
ACI 260409	<b>Zolmitriptan Imp.I(EP):</b> 3-[2-(dimethylamino)ethyl]-5-[[[(4S)-2-oxo-1,3-oxazolidin-4-yl]methyl]-1H-indole-2-carboxylic acid		659738-69-9
ACI 260413	<b>Zolmitriptan Impurity:</b> ((S)-4-({3-[2-(Methylamino)ethyl]-5-1H-indol-5-yl)methyl}oxazolidin-2-one)		139264-35-0
ACI 260414	<b>Zolmitriptan Impurity:</b> N,N-dimethyl-2-(5-((2-oxooxazolidin-4-yl)methyl)-1H-indol-3-yl)ethanamine oxide		251451-30-6
ACI 260415	<b>Zolmitriptan Impurity as Hydrochloride salt:</b> 4-[3-(2-Aminoethyl)-1H-indol-5-yl]methyl-2-oxazolidinone hydrochloride (Didesmethyl Zolmitriptan hydrochloride)		n/a
ACI 260418	<b>Zolmitriptan Impurity:</b> N,N-Dimethyl amino butanaldiethyl acetal		1116-77-4

## Zolpidem

Code	Product Name	Structure	CAS No.
ACI 260201	<b>Zolpidem Tartrate Imp.(EP):</b> N,N-dimethyl-2-[7-methyl-2-(4-methylphenyl)imidazo[1,2-a]pyridin-3-yl]acetamide		1346600-85-8
ACI 260202	<b>Zolpidem Tartrate Impurity:</b> Oxozolpidem (N,N,6-Trimethyl-2-(4-methyl-phenyl)-a-oxo-imidazo[1,2-a]pyridine-3-acetamide)		400038-68-8
ACI 260203	<b>Zolpidem Tartrate Impurity:</b> 4-Methyl-N-(5-methylpyridin-2-yl)benzamide		349122-64-1
ACI 260210	<b>Zolpidem Tartrate Impurity:</b> 2-(6-Methyl-2-p-tolylimidazo[1,2-a]pyridin-3-yl)acetic acid		189005-44-5
ACI 260211	<b>Zolpidem Tartrate Impurity:</b> 6-Methyl-2-p-tolylimidazo[1,2-a]pyridine-3-carbaldehyde		400777-11-9
<b>Zonisamide</b>			
ACI 260911	<b>Zonisamide Impurity as sodium salt:</b> 1,2-Benzisoxazole-3-methanesulfonate Sodium		73101-64-1
<b>Zopiclone</b>			
ACI 260300	<b>Zopiclone:</b> (5RS)-6-(5-Chloropyridin-2-yl)-7-oxo-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-yl 4-methylpiperazine-1-carboxylate		43200-80-2

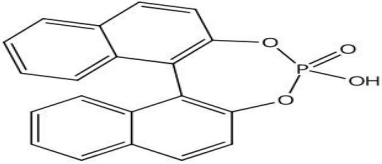
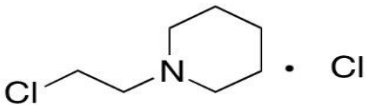
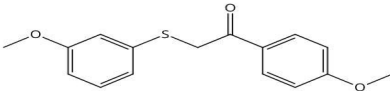
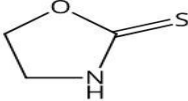
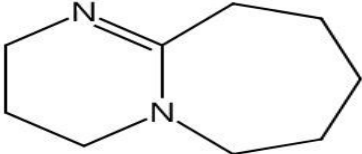

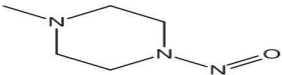
Code	Product Name	Structure	CAS No.
ACI 260301	<b>Zopiclone Imp.A (EP):</b> (5RS)-6-(5-chloropyridin-2-yl)-7-oxo-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-yl 4-methylpiperazine-1-carboxylate 4-oxide (zopiclone oxide)		43200-96-0
ACI 260302	<b>Zopiclone Imp.B (EP):</b> (7RS)-6-(5-chloropyridin-2-yl)-7-hydroxy-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-one	 <p>and enantiomer</p>	43200-81-3
ACI 260303	<b>Zopiclone Imp.C (EP):</b> 6-(5-Chloropyridin-2-yl)-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-one		148891-53-6
ACI 260311	<b>Zopiclone Impurity:</b> 2-Amino-5-chloropyridine		1072-98-6
ACI 260312	<b>Zopiclone Impurity as hydrochloride:</b> Desmethyl Impurity Hydrochloride		1216659-29-8
ACI 260313	<b>Zopiclone Impurity:</b> 2,3-Pyrazine dicarboxylic acid		89-01-0

Code            Product Name

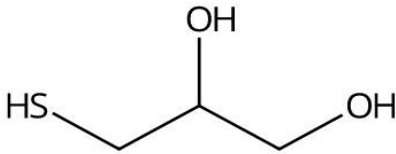
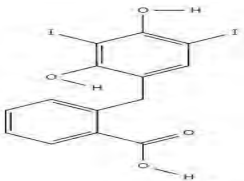

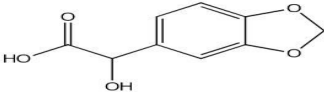
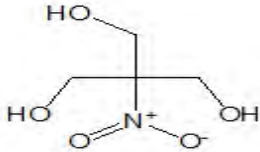
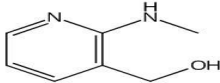
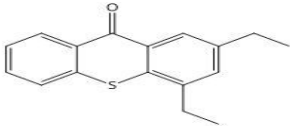
## Working Standards

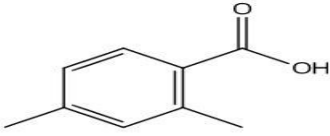
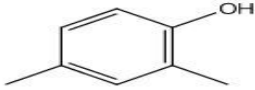
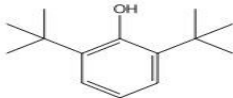
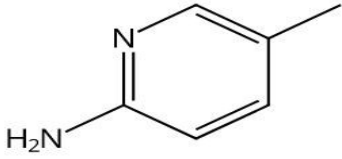
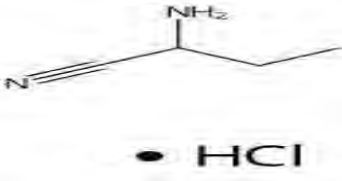
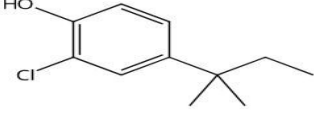
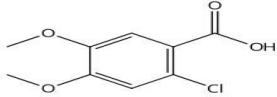
ACI 010200 WS	Acetylsalicylic Acid
ACI 010400 WS	Albendazole
ACI 015100 WS	Alendronate Sodium
ACI 014800 WS	Allopurinol
ACI 015000 WS	Amitriptyline
ACI 011000 WS	Amlodipine Besilate
ACI 013900 WS	Amoxicillin Trihydrate
ACI 012800 WS	Ascorbic Acid
ACI 020100 WS	Betahistine Dihydrochloride
ACI 022700 WS	Bezafibrate
ACI 022900 WS	Bismuth Subsalicylate
ACI 020600 WS	Bromhexine Hydrochloride
ACI 020500 WS	Budesonide
ACI 022202 WS	Bupivacaine Hydrochloride
ACI 020700 WS	Bupropion Hydrochloride
ACI 031500 WS	Carbamazepine
ACI 030200 WS	Cetirizine Dihydrochloride
ACI 034700 WS	Chloramphenicol Sodium Succinate
ACI 035300 WS	Chlorocresol
ACI 034500 WS	Cholecalciferol
ACI 035700 WS	Cinnarizine
ACI 033800 WS	Clarithromycin
ACI 030100 WS	Clomipramine Hydrochloride
ACI 031100 WS	Colchicine
ACI 040100 WS	Diclofenac Sodium
ACI 052900 WS	Ergocalciferol
ACI 050900 WS	Ergocalciferol
ACI 053100 WS	Erythromycin Stearate
ACI 060700 WS	Folic Acid
ACI 070200 WS	Gemcitabine Hydrochloride
ACI 080200 WS	Hydrochlorothiazide
ACI 080500 WS	Hydrocortisone
ACI 090100 WS	Ibuprofen
ACI 110100 WS	Ketorolac Trometamol
ACI 120200 WS	Lansoprazole

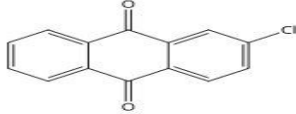
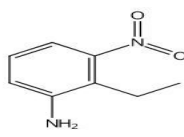
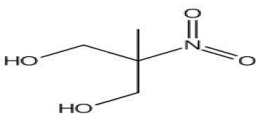
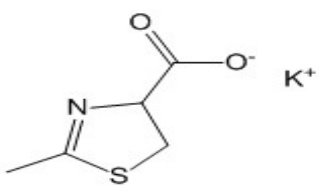
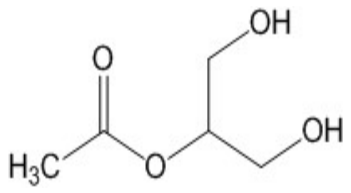
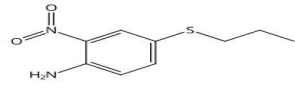
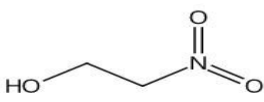
Code	Product Name
ACI 120500 WS	Levocetirizine Dihydrochloride
ACI 120100 WS	Levofloxacin Hemihydrate
ACI 133000 WS	Mebendazole
ACI 133200 WS	Meloxicam
ACI 134800 WS	Methocarbamol
ACI 134100 WS	Methyl Salicylate
ACI 150300 WS	Olanzapine
ACI 150700 WS	Ornidazole
ACI 160200 WS	Paracetamol
ACI 160800 WS	Pemetrexed Disodium Heptahydrate
ACI 164800 WS	Propofol
ACI 165300 WS	Propranolol Hydrochloride
ACI 170100 WS	Quetiapine Fumarate
ACI 170500 WS	Quinidine Sulphate
ACI 170400 WS	Quinine Sulfate Dihydrate
ACI 180200 WS	Ranitidine Hydrochloride
ACI 191100 WS	Risperidone
ACI 190700 WS	Salbutamol Sulphate
ACI 192100 WS	Secnidazole
ACI 191900 WS	Spironolactone
ACI 192400 WS	Streptomycin Sulphate
ACI 191800 WS	Sulfamethoxazole
ACI 201600 WS	Theophylline
ACI 200200 WS	Trimetazidine Dihydrochloride
ACI 203100 WS	Trimethoprim

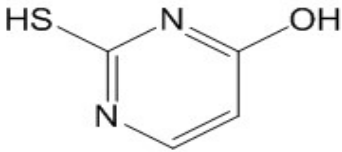
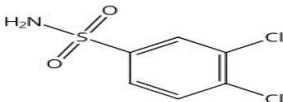
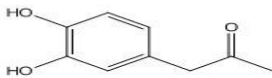
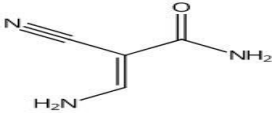
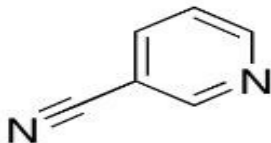
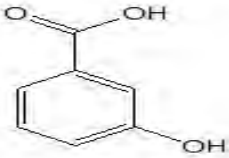
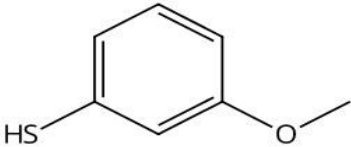
Code	Product Name	Structure	CAS No.
<b>Miscellaneous Impurities</b>			
ACI R02002	<b>(S)-(+)-1,1'-Binaphthyl-2,2'-diyl hydrogenphosphate:</b> (+)-1,1'-Binaphthyl-2,2'-diyl hydrogen phosphate		35193-64-7
ACI R03020	<b>1-(2-Chloroethyl)piperidine hydrochloride:</b> N-(β-Chloroethyl)piperidine Hydrochloride		2008-75-5
ACI R13028	<b>1-(4-Methoxyphenyl)-2-[(3-methoxyphenyl)thio]ethanone:</b> 2-(3-Methoxyphenylthio)-4'-methoxyacetophenone		63675-73-0
ACI R15001	<b>1,3-Oxazolidine-2-thione:</b> 2-Oxazolidinethione		5840-81-3
ACI R04014	<b>1,8-Diazabicyclo[5.4.0]undec-7-ene:</b> 1,5-Diazabicyclo[5.4.0]-5-undecene		6674-22-2
ACI R05003	<b>11,14-Eicosadienoic acid:</b> (11E,14E)-Icosa-11,14-dienoic Acid		2091-39-6
ACI R13030	<b>1-Methyl-4-nitrosopiperazine:</b> 1-Methyl-4-nitrosopiperazine		16339-07-4

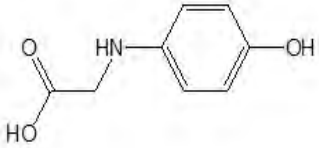
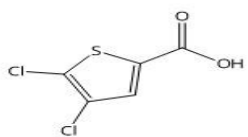
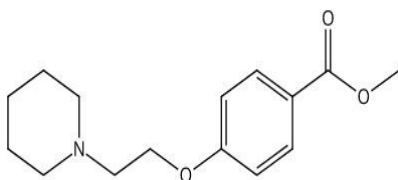
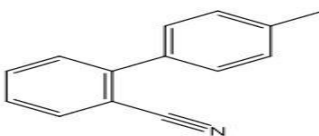
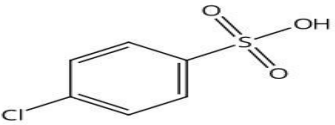
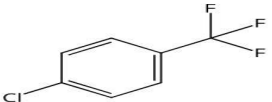
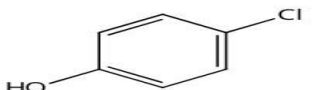


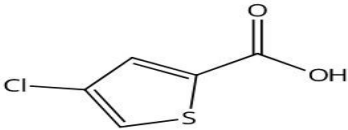
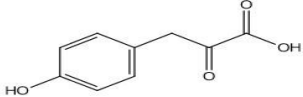
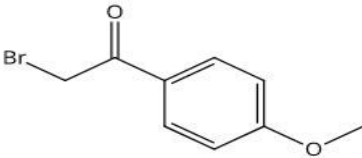
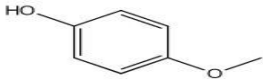
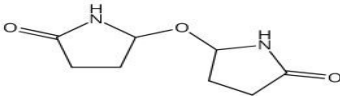
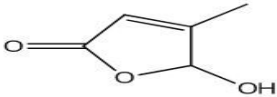
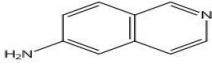
Code	Product Name	Structure	CAS No.
ACI R13031	<b>1-Monothioglycerol</b> : alpha-Thioglycerol		96-27-5
ACI R04007	<b>2-(2,4-dihydroxy-3,5-diiodobenzyl)benzoic acid</b> : 2-(2,4-dihydroxy-3,5-diiodobenzyl)benzoic acid		NA
ACI R13006	<b>2-(2-Methoxyethoxy)acetaldehyde</b> : (2-Methoxyethoxy)acetaldehyde		111964-99-9
ACI R02011	<b>2-(Benzo(d)(1,3)dioxole-5-yl)-2-Hydroxyacetic acid</b> : 1,3-Benzodioxole-5-glycolic Acid		27738-46-1
ACI R08003	<b>2-(Hydroxymethyl)-2-nitro-1,3-propanediol</b> : -		126-11-4
ACI R13034	<b>2-(Methylamino)pyridine-3-methanol</b> : 2-(N-Methylamino)-3-hydroxymethylpyridine		32399-12-5
ACI R04015	<b>2,4-Diethylthioxanthone</b> : 2,4-Diethylthioxanthen-9-one		82799-44-8

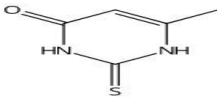
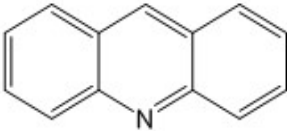
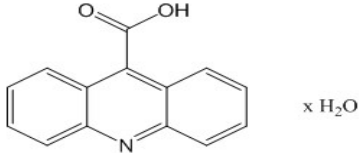
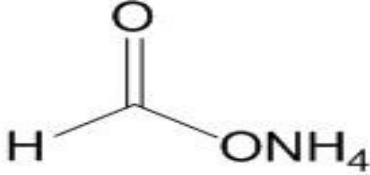
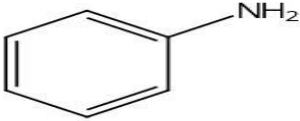
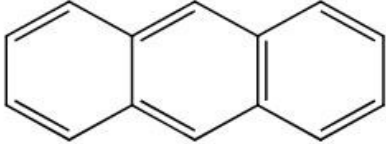
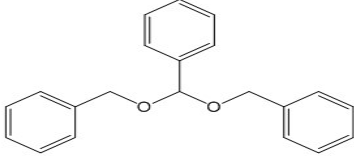
Code	Product Name	Structure	CAS No.
ACI R04020	<b>2,4-Dimethylbenzoic acid</b> : 4-Carboxy-1,3-dimethylbenzene		611-01-8
ACI R04016	<b>2,4-Dimethylphenol</b> : 4-Hydroxy-1,3-dimethylbenzene		105-67-9
ACI R04019	<b>2,6-Di-tert-butylphenol</b> : 2,6-Di-tert-butylhydroxybenzene		128-39-2
ACI R01017	<b>2-Amino-5-methylpyridine</b> : 5-methylpyridin-2-amine		1603-41-4
ACI R01018	<b>2-Aminobutanenitrile hydrochloride</b> : 1-Amino-1-cyanopropane hydrochloride		93554-80-4
ACI R03011	<b>2-Chloro-4-(Tert-phenyl)Phenol</b> : 2-Chloro-4-(2-methylbutan-2-yl)phenol		5323-65-9
ACI R03008	<b>2-Chloro-4,5-dimethoxy benzoic acid</b> : 6-Chloroveratric acid		60032-95-3

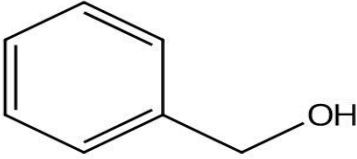
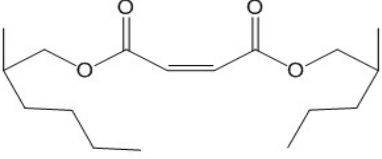
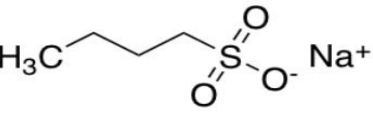

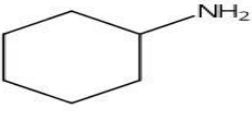
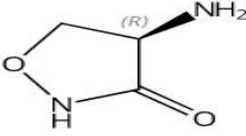
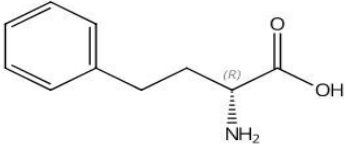
Code	Product Name	Structure	CAS No.
ACI R03013	<b>2-Chloroanthraquinone:</b> 2-Chloro-9,10-dihydroanthracene-9,10-dione		131-09-9
ACI R05002	<b>2-Ethyl-3-nitroaniline :</b> 2-Ethyl-3-nitrobenzenamine		90007-09-3
ACI R13005	<b>2-Methyl-2-nitropropan-1,3-diol:</b> 2-Nitro-2-methyl-1,3-propanediol		77-49-6
ACI R13011	<b>2-Methyl-2-thiazoline-4-carboxylic acid Potassium Salt:</b> 2-Methyl-2-thiazoline-4-carboxylic acid Potassium Salt		NA
ACI R13012	<b>2-Monoacetin :</b> 1,2,3-Propanetriol, 2-acetate		100-78-7
ACI R14008	<b>2-Nitro-4-(propylthio)aniline:</b> 4-Propylthio-2-nitroaniline		16339-07-4
ACI R14003	<b>2-Nitroethanol:</b> β-Nitroethanol		625-48-9

Code	Product Name	Structure	CAS No.
ACI R20012	<b>2-Thiouracil:</b> 2-Mercapto-4-hydroxypyrimidine		141-90-2
ACI R04009	<b>3,4-Dichlorobenzenesulfonamide:</b> 4,5-Dichlorobenzenesulfonamide		23815-28-3
ACI R04003	<b>3,4-Dihydroxyphenylacetone:</b> 1-(3,4-Dihydroxyphenyl)-2-propanone		2503-44-8
ACI R01010	<b>3-Amino-2-cyano-2-propenamide:</b> Acrylamide, 3-amino-2-cyano-		21689-52-1
ACI R03003	<b>3-Cyanopyridine:</b> Nicotinonitrile		100-54-9
ACI R08002	<b>3-Hydroxybenzoic acid:</b> -		99-06-9
ACI R13027	<b>3-Methoxybenzenethiol:</b> 3-Methoxybenzenethiol		15570-12-4

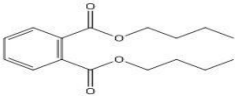
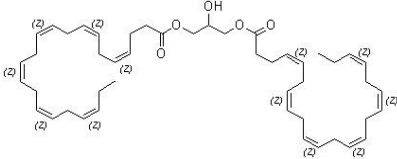

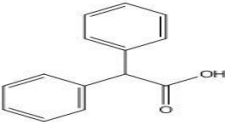

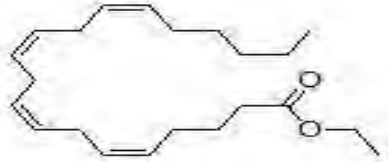

Code	Product Name	Structure	CAS No.
ACI R08004	<b>4- Hydroxy phenyl Glycine</b> : -		122-87-2
ACI R04004	<b>4,5-Dichloro-thiophene-2-Carboxylic acid</b> : 2,3-Dichloro-5-thiophenecarboxylic acid		31166-29-7
ACI R16016	<b>4-[2-(1-piperidinyl)ethoxy]-benzoic acid methyl ester</b> : Methyl 4-[2-(1-piperidinyl)ethoxy]benzoate		89407-97-6
ACI R13001	<b>4'-Methyl-2-biphenylcarbonitrile</b> : 2-(p-Tolyl)benzonitrile		114772-53-1
ACI R03006	<b>4-Chlorobenzenesulfonic acid</b> : p-Chlorophenylsulfonic acid		98-66-8
ACI R03012	<b>4-Chlorobenzotrifluoride</b> : (1-Chloro-4-(trifluoromethyl)benzene )		98-56-6
ACI R03007	<b>4-Chlorophenol</b> : 4-Hydroxychlorobenzene		106-48-9

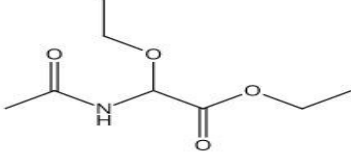
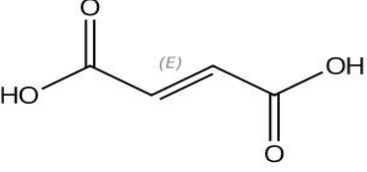
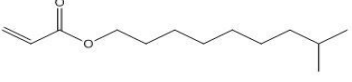
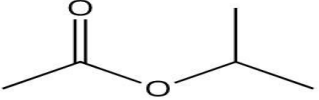
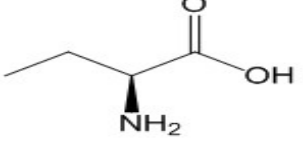
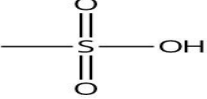
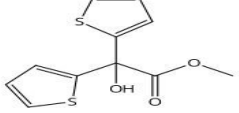
Code	Product Name	Structure	CAS No.
ACI R03010	<b>4-Chloro-thiophene-2-carboxylic acid:</b> 4-Chloro-2-thiophenecarboxylic acid		59614-95-8
ACI R08006	<b>4-Hydroxyphenylpyruvic acid :</b> -(4-Hydroxyphenyl)-2-oxopropanoic acid		156-39-8
ACI R13029	<b>4-Methoxyphenacyl bromide :</b> 2-Bromo-p-methoxyacetophenone		2632-13-5
ACI R13008	<b>4-Methoxyphenol(Mequinol):</b> 4-Hydroxyanisole		150-76-5
ACI R15004	<b>5,5-oxybis ( pyrrolidin-2-one ) :</b> 2-Pyrrolidinone, 5,5'-oxybis		73123-79-2
ACI R08005	<b>5-Hydroxy-4-methyl-2(5H)-furanone:</b> 2-Hydroxy-3-methyl-2H-furan-5-one		40834-42-2
ACI R09011	<b>6-Aminoisoquinoline:</b> Isoquinolin-6-ylamine		-

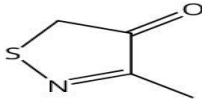

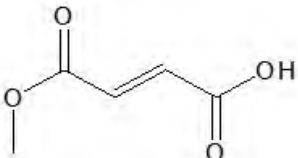


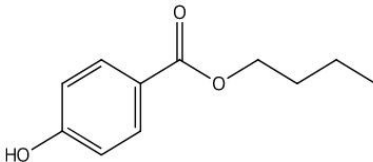

Code	Product Name	Structure	CAS No.
ACI R13015	<b>6-Methyl-2-thiouracil:</b> 6-Methyl-2-mercaptouracil		56-04-2
ACI R01005	<b>Acridine:</b> 2,3-Benzoquinoline		260-94-6
ACI R01006	<b>Acridine-9-carboxylic acid hydrate:</b> 9-Acridinecarboxylic Acid Hydrate		332927-03-4
ACI R01007	<b>Ammonium formate:</b> Formic Acid Ammonium Salt		540-69-2
ACI R01008	<b>Aniline:</b> Aminobenzene		62-53-3
ACI R01004	<b>Anthracene:</b> Paranaphthalene		120-12-7
ACI R04005	<b>Benzaldehyde Dibenzyl Acetal:</b> [Di (benzyloxy)methyl]benzene		5784-65-6

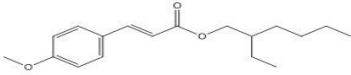
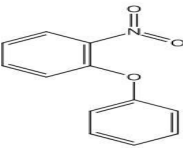
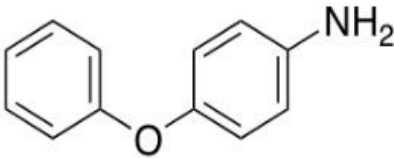
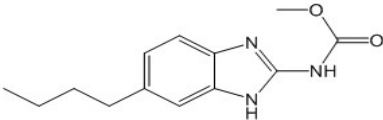

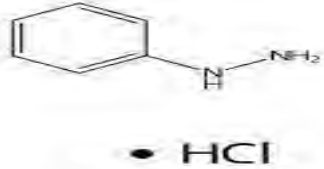
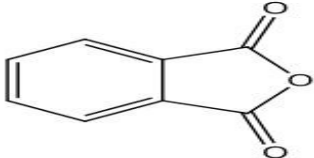
Code	Product Name	Structure	CAS No.
ACI R02003	<b>Benzyl alcohol:</b> phenylmethanol		100-51-6
ACI R02006	<b>Bis (2-methylhexyl) maleate:</b> 2-Butenedionic acid(z)-bis(2-methyl hexyl)ester		n/a
ACI R02005	<b>Butanesulphonic acid sodium salt:</b> Sodium butanesulfonate		2386-54-1
ACI R04013	<b>cis-4,7,10,13,16,19-Docosahexaenoic Acid Methyl Ester:</b> Methyl Docosahexaenoate		2566-90-7
ACI R03021	<b>Cyclohexylamine:</b> Monocyclohexylamine		108-91-8
ACI R03014	<b>D-Cycloserene:</b> D-4-Amino-3-isoxazolidinone		68-41-7
ACI R08007	<b>D-Homophenylalanine :</b> (R)-2-Amino-4-phenylbutyric acid		82795-51-5

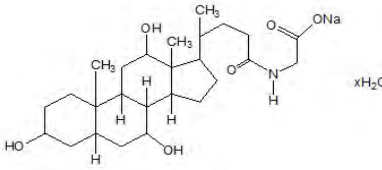
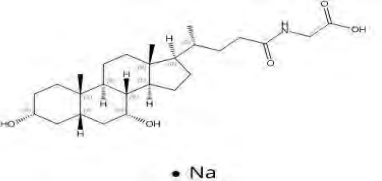
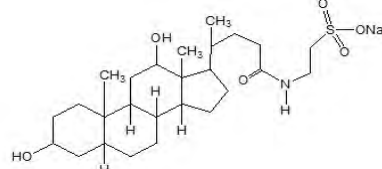
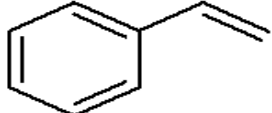
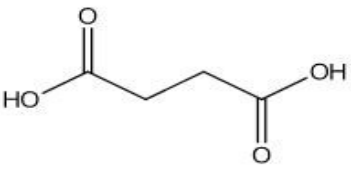
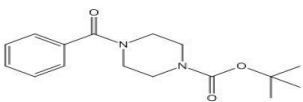
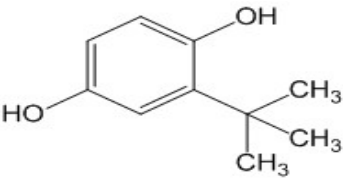


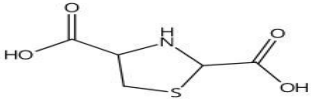
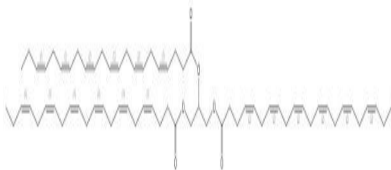
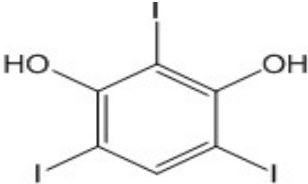
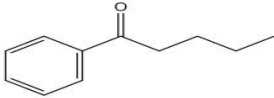
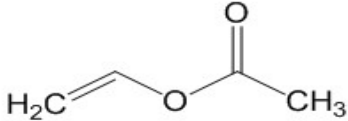
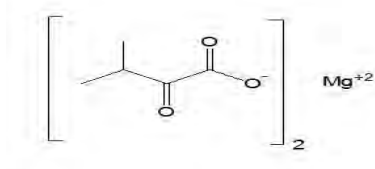
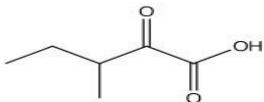
Code	Product Name	Structure	CAS No.
ACI R04018	<b>Dibutyl phthalate:</b> Butyl phthalate		84-74-2
ACI R04011	<b>Didocosahexaenoin:</b> (4Z,4'Z,7Z,7'Z,10Z,10'Z,13Z,13'Z,16Z,16'Z,19Z,19'Z)-4,7,10,13,16,19-Docosahexaenoic acid, 2-hydroxy-1,3-propanediyl ester		124538-05-2
ACI R04017	<b>Diocetyl adipate :</b> Adipic acid dioctyl ester		123-79-5
ACI R04008	<b>Diphenylacetic acid:</b> $\alpha,\alpha$ -Diphenylacetic acid		117-34-0
ACI R05006	<b>Eicosapentaenoic Acid Ethyl Ester:</b> (5Z,8Z,11Z,14Z,17Z)-5,8,11,14,17-Eicosapentaenoic Acid Ethyl Ester		86227-47-6
ACI R05009	<b>Eicosatetraenoic acid ethyl ester:</b> 5,8,11,14-Eicosatetraenoic acid ethyl ester		1808-26-0
ACI R05007	<b>Erucamide:</b> (13Z)-13-Docosenamide		112-84-5

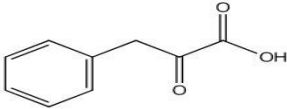
Code	Product Name	Structure	CAS No.
ACI R01003	<b>Ethyl 2-acetamido-2-ethoxyacetate:</b> Acetic acid, (acetylamino)ethoxy-, ethyl ester		117422-82-9
ACI R06003	<b>Fumaric Acid:</b> (E)-Butenedioic acid		110-17-8
ACI R09010	<b>Isodecyl acrylate:</b> 8-Methylnonyl acrylate		928714-73-2
ACI R09002	<b>Isopropyl acetate:</b> Isopropyl ethanoate		ACI R09002
ACI R01012	<b>L(+)-2-Aminobutyric Acid :</b> (2S)-2-Aminobutanoic Acid		1492-24-6
ACI R13013	<b>Methanesulfonic acid:</b> Mesylic acid		75-75-2
ACI R13016	<b>Methyl-2-(thiophen-2-yl)-2-(thiophen-3-yl) glycolate:</b> Dithienylglycolic acid methyl ester		26447-85-8

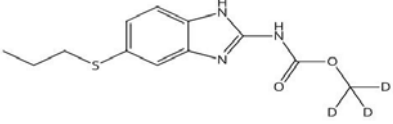
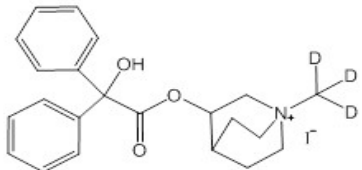
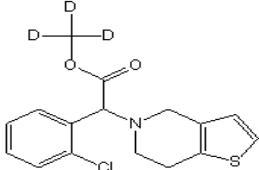
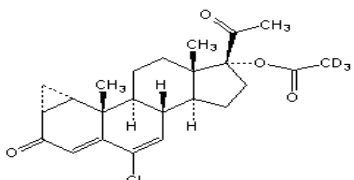
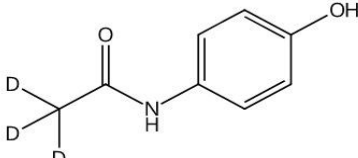
Code	Product Name	Structure	CAS No.
ACI R13033	<b>Methylisothiazolinone:</b> 3-Methyl-4,5-dihydro-1,2-thiazol-4-one		1822651-53-5
ACI R13026	<b>Monodocosahexenoin:</b> (4Z,7Z,10Z,13Z,16Z,19Z)-4,7,10,13,16,19-Docosahexaenoic acid, 2,3-dihydroxypropyl ester		140670-40-2
ACI R06001	<b>Mono-methyl Fumarate:</b> -		2756-87-8
ACI R13032	<b>Myristic acid :</b> n-Tetradecanoic acid		544-63-8
ACI R13014	<b>Myristyl gamma-picolinium chloride:</b> 4-Methyl-1-tetradecyl-pyridiniumchloride		2748-88-1
ACI R02010	<b>n-Butyl 4-hydroxybenzoate:</b> 4-(Butoxycarbonyl)phenol (Butylparaben)		94-26-8
ACI R14007	<b>Nonadecanoic acid methyl ester:</b> Methyl Nonadecanoate		1731-94-8

Code	Product Name	Structure	CAS No.
ACI R15003	<b>Octyl methoxycinnamate</b> : 2-Ethylhexyl 4-methoxycinnamate		5466-77-3
ACI R14001	<b>o-Nitrodiphenyl ether</b> : Phenyl o-nitrophenyl ether		2216-12-8
ACI R01001	<b>p-Aminodiphenyl ether</b> : 4-Phenoxyaniline		139-59-3
ACI R16020	<b>Parbendazole</b> : N-(6-Butyl-1H-benzimidazol-2-yl)carbamic Acid Methyl Ester		[100-42-5]
ACI R16018	<b>Pentadecyl 2,2,2-trichloroacetate</b> : Pentadecyl trichloroacetate		74339-53-0
ACI R16019	<b>Phenylhydrazine Hydrochloride</b> : N-Phenylhydrazine hydrochloride		59-88-1
ACI R16017	<b>Phthalic Anhydride</b> : 1,2-Benzenedicarboxylic anhydride		85-44-9

Code	Product Name	Structure	CAS No.
ACI R19003	<b>Sodium Glycocholate Hydrate(GCA):</b> N-[(3a,5β,7a,12a)-3,7,12-Trihydroxy-24-oxocholan-24-yl]-glycine Sodium Salt Hydrate	 <chem>CC12CCC3[C@@H]1[C@@H](OC)CC[C@]3(O)CC[C@@H]2C(=O)NCC(=O)[O-].[Na+].O</chem>	338950-81-5
ACI R19004	<b>Sodium Glycochenodeoxycholate (GCDA):</b> N-[(3a,5β,7a)-3,7-Dihydroxy-24-oxocholan-24-yl]glycine Sodium Salt	 <chem>CC12CCC3[C@@H]1[C@@H](OC)CC[C@]3(O)CC[C@@H]2C(=O)NCC(=O)O.[Na+]</chem>	16564-43-5
ACI R19005	<b>Sodium taurodeoxycholate hydrate ( TDCA ) :</b> 2-[[[(3a,5β,12a)-3,12-dihydroxy-24-oxocholan-24-yl]amino]-ethanesulfonic acid sodium salt hydrate	 <chem>CC12CCC3[C@@H]1[C@@H](OC)CC[C@]3(O)CC[C@@H]2C(=O)NCCS(=O)(=O)[O-].[Na+].O</chem>	207737-97-1
ACI R19012	<b>Styrene:</b> Vinylbenzene	 <chem>C=Cc1ccccc1</chem>	100-42-5
ACI R19011	<b>Succinic acid:</b> butanedioic acid	 <chem>OC(=O)CCC(=O)O</chem>	110-15-6
ACI R20010	<b>Tert-Butyl 4-benzoylpiperazine-1-carboxylate:</b> 1,1-Dimethylethyl 4-benzoyl-1-piperazinecarboxylate	 <chem>CC(C)(C)OC(=O)N1CCN(C(=O)c2ccccc2)CC1</chem>	77278-38-7
ACI R20008	<b>tert-Butylhydroquinone (TBHQ):</b> 2-(1,1-Dimethylethyl)-1,4-benzenediol	 <chem>CC(C)(C)C1=CC=C(O)C=C1O</chem>	1948-33-0

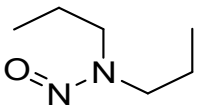
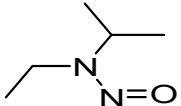
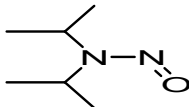
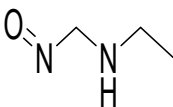
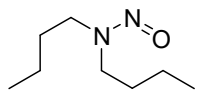
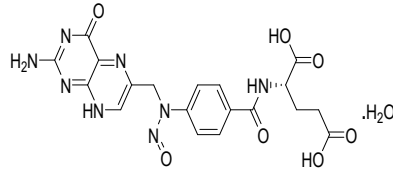
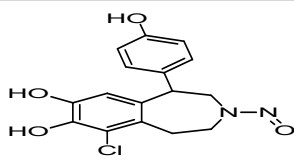
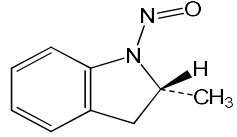
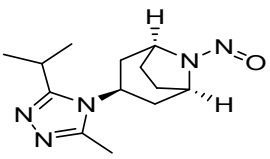
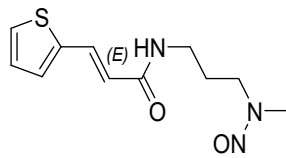
Code	Product Name	Structure	CAS No.
ACI R20004	<b>Thiazolidine-2,4-dicarboxylic acid:</b> Tidiacic acid		30097-06-4
ACI R20015	<b>Tridocosahexaenoin:</b> 1,2,3-Tri-(4Z,7Z,10Z,13Z,16Z,19Z-docosahexaenoyl)-glycerol		124596-98-1
ACI R20009	<b>Triiodo resorcinol:</b> 2,4,6-Triiodo-1,3-benzenediol		19403-92-0
ACI R22001	<b>Valerophenone :</b> Phenyl butyl ketone		1009-14-9
ACI R22003	<b>Vinyl acetate:</b> Acetoxyethylene		108-05-4
ACI R11001	<b>α-Ketoisovaleric acid as Magnesium salt:</b> α-Ketoisovaleric acid as Magnesium salt		NA
ACI R11003	<b>α-Keto-β-methylvaleric acid :</b> 2-Oxo-3-methylpentanoic acid		1460-34-0

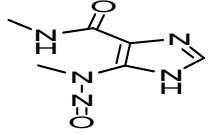
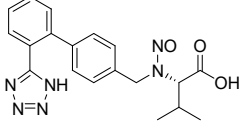
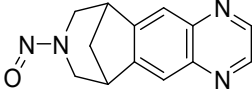
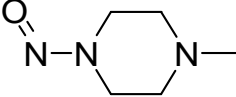
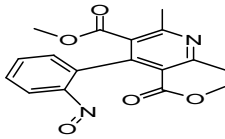
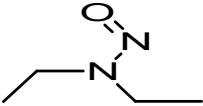
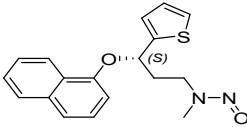
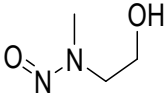
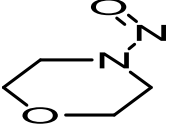
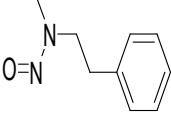
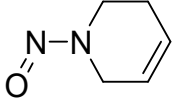
Code	Product Name	Structure	CAS No.
ACI R16005	<b><math>\beta</math>-Phenylpyruvic acid:</b> 3-Phenylpyruvic acid		156-06-9

Code	Product Name	Structure	CAS No.
<b>Deuterated Compounds</b>			
ACI 010450	<b>Albendazole-D3:</b> Trideuteriomethyl N-(5-propylsulfanyl-1H-benzimidazol-2-yl)carbamate		1353867-92-1
ACI 030811	<b>Clidinium Bromide Impurity:</b> 3-[(2-hydroxy-2,2-diphenylacetyl)oxy]-1-methyl-1-azoniabicyclo[2.2.2] octane-iodide d3, (Clidinium Iodide-d3)		n/a
ACI 033450	<b>Clopidogrel Hydrogen Sulfate Impurity:</b> Clopidogrel hydrogen sulfate -D3		1093351-48-4
ACI 035850	<b>Cyproterone Acetate Impurity:</b> Cyproterone acetate -D3		n/a
ACI 160250	<b>Paracetamol-D3:</b> N-(4-Hydroxyphenyl)acetamide-d3		60902-28-5



Code	Product Name	Structure	CAS No.
ACI-033715	<b>N-Nitroso Ciprofloxacin:</b> 1-Cyclopropyl-6-fluoro-1,4-dihydro-7-(4-nitroso-1-piperazinyl)-4-oxo-3-quinolinecarboxylic Acid		864443-44-7
ACI-R14014	<b>1-Methyl-3-nitro-1-nitrosoguanidine:</b> Methylnitronitrosoguanidine		70-25-7
ACI-031019	<b>Nitroso Carvedilol:</b> (S)-1-((2-(2-methoxyphenoxy)ethyl)amino)-3-((9-nitroso-9H-carbazol-4-yl)oxy)propan-2-ol		NA
ACI-130127	<b>N-Nitrosometoprolol</b>		138768-62-4
ACI-R14013	<b>N-Nitrosopiperidine</b>		100-75-4
ACI-020113	<b>N-Nitroso Betahistine</b>		32635-81-7
ACI-R14012	<b>N-Nitrosodibenzylamine</b>		5336-53-8
ACI-070402	<b>N-Nitroso-3-azabicyclo[3.3.0]octane</b>		54786-86-6
ACI-220416	<b>N-Nitrosodimethylamine</b>		62-75-9

Code	Product Name	Structure	CAS No.
ACI-220421	<b>N-Nitrosodipropylamine (NPDA)</b>		621-64-7
ACI-220417	<b>N-Ethyl-N-nitroso-2-propanamine</b>		16339-04-1
ACI-220418	<b>N-Nitroso diisopropylamine</b>		601-77-4
ACI-220419	<b>N-Nitrosomethylethylamine (NMEDA)</b>		10595-95-6
ACI-220422	<b>N-Nitrosodibutylamine (NDBA)</b>		924-16-3
ACI-060722	<b>N-Nitroso-Folic acid</b>		26360-21-4
ACI-064711	<b>N-Nitroso Fenoldopam Impurity : 6-Chloro-1-(4-hydroxyphenyl)-3-nitroso-2,3,4,5-tetrahydro-1H-benzo[d]azepine-7,8-diol</b>		NA
ACI-090701	<b>Indapamide Imp. A (EP)</b>		85440-79-5
ACI-137611	<b>N-Nitroso Maraviroc Impurity</b>		NA
ACI-148611	<b>N-Nitroso Pyrantel pamoate impurity</b>		NA

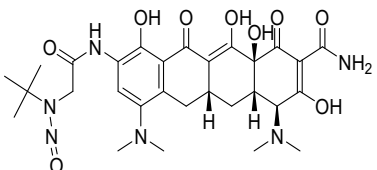
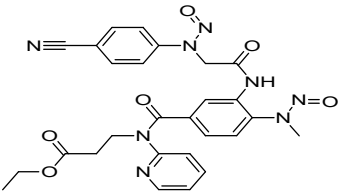
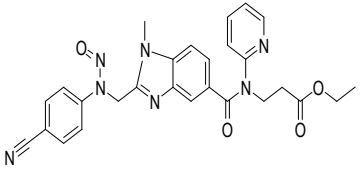
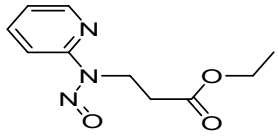
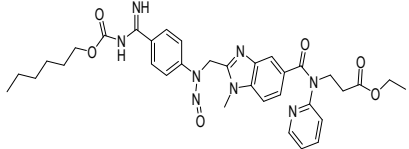
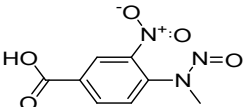
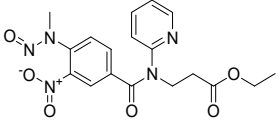
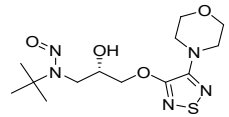
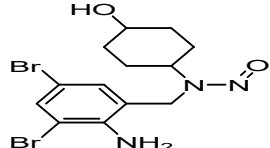
Code	Product Name	Structure	CAS No.
ACI-201614	<b>Theophylline Impurity</b>		NA
ACI-220426	<b>Valsartan Nitrosamine Impurity</b>		NA
ACI-221430	<b>Varenicline Tartrate Impurity</b>		NA
ACI-R13030	<b>1-Methyl-4-nitrosopiperazine</b>		16339-07-4
ACI-142002	<b>Dehydronitrosonifedipine: 4-(2-Nitrosophenyl)-2,6-dimethyl-3,5-dimethoxycarbonylpyridine</b>		50428-14-3
ACI-R14015	<b>N-Nitrosodiethylamine(NDEA): N-Ethyl-N-nitrosoethanamine</b>		55-18-5
ACI-043325	<b>N-Nitroso Duloxetine</b>		NA
ACI-R14016	<b>N-(Nitrosomethyl)ethanolamine: 2-(Methylnitrosoamino)ethanol</b>		26921-68-6
ACI R14017	<b>N-Nitrosomorpholine: Nitrosomorpholine</b>		59-89-2
ACI R14018	<b>N-Nitroso N-Methyl-Phenethylamine: N-Methyl-N-nitrosobenzeneethanamine</b>		13256-11-6
ACI R14019	<b>N-Nitroso-1,2,3,6-Tetrahydropyridine: 1,2,3,6-Tetrahydro-1-nitrosopyridine</b>		55556-92-8

Code	Product Name	Structure	CAS No.
ACI-010125	<b>N-Nitroso Atenolol:</b> 4-[2-Hydroxy-3-[(1-methylethyl)nitrosoamino]propoxy]benzeneacetamide		134720-04-0
ACI R14020	<b>2-[2-(4-Nitroso-1-piperazinyl)ethoxy]ethanol</b>		73486-81-4
ACI-220427	<b>Des(oxopentyl) N-Nitroso Valsartan:</b> (2S)-3-Methyl-2-[nitroso[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]butanoic acid		2254485-68-0
ACI-160425	<b>N-Nitroso Phenylephrine:</b> (R)-N-(2-Hydroxy-2-(3-hydroxyphenyl)ethyl)-N-methylnitrous Amide		78658-64-7
ACI R14021	<b>4-Nitrosomethylaminopyridine:</b> N-Methyl-N-nitroso-4-pyridinamine		16219-99-1
ACI-032725	<b>N-Nitrosochlordiazepoxide:</b> N-(7-chloro-4-oxido-5-phenyl-3H-1,4-benzodiazepin-4-ium-2-yl)-N-methylnitrous amide		51715-17-4
ACI -042025	<b>Nitroso Desloratadine:</b> 8-Chloro-11-(1-nitrosopiperidin-4-ylidene)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine		1246819-22-6
ACI -040125	<b>N-Nitroso Diclofenac:</b> 2-[(2,6-Dichlorophenyl)nitrosoamino]benzeneacetic Acid		66505-80-4
ACI 190625	<b>N-Nitroso Sotalol:</b> N-[4-[1-Hydroxy-2-[(1-methylethyl)nitrosoamino]ethyl]phenyl]methanesulfonamide		134720-07-3
ACI R14026	<b>N-Nitrosoamino-1-deoxy-1-N-Methyl-D-glucitol:</b> 1-Deoxy-1-(methylnitrosoamino)-D-glucitol		10356-92-0
ACI R14022	<b>N-Nitrosodiethanolamine:</b> Nitrosobis(2-hydroxyethyl)amine		1116-54-7

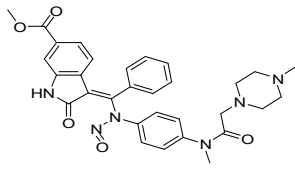
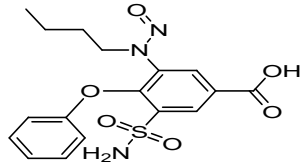
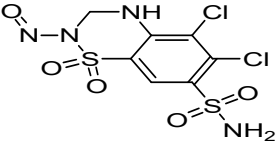
Code	Product Name	Structure	CAS No.
ACI 080225	<b>N-Nitroso Hydrochlorothiazide</b> : 6-chloro-3,4-dihydro-4-nitroso-2H-1,2,4-Benzothiadiazine-7-sulfonamide 1,1-dioxide		63779-86-2
ACI 142525	<b>N-Nitroso Nebivolol (Mixture of Diastereomers)</b> : N,N-Bis(2-(6-fluorochroman-2-yl)-2-hydroxyethyl)nitrous amide		1391051-68-5
ACI 033425	<b>Clopidogrel nitroso impurity</b> : 4,5,6,7-tetrahydro-5-nitroso-Thieno[3,2-c]pyridine		2460755-43-3
ACI-062825	<b>N-Nitroso Fluoxetine</b> : N-Methyl-N-nitroso-γ-[4-(trifluoromethyl)phenoxy]benzenepropanamine		150494-06-7
ACI 194425	<b>N-Nitroso Safinamide</b> : (S)-2-((4-((3-fluorobenzyl)oxy)benzyl)(nitroso)amino)propanamide		2657645-00-4
ACI R14023	<b>N-Nitrosodiphenylamine</b> : N,N-Diphenyl-N-nitrosoamine		86-30-6
ACI R14024	<b>N-Nitrosopyrrolidine</b> : 1-Nitrosopyrrolidine		930-55-2
ACI 165325	<b>N-Nitrosopropranolol</b> : 1-[(1-Methylethyl)nitrosoamino]-3-(1-naphthalenyloxy)-2-propanol		84418-35-9
ACI 132925	<b>N-Nitroso Minocycline EP Impurity C</b> : N-Nitroso-7-monomethylamino-6-deoxytetracycline		28698-93-3
ACI 133125	<b>N-Nitroso Mefenamic acid</b> : 2-[(2,3-Dimethylphenyl)nitrosoamino]benzoic acid		2114-63-8

Code	Product Name	Structure	CAS No.
ACI R14025	<b>N-Nitroso-N-methyl-4-aminobutyric Acid(NMBA):</b> 4-(Methylnitrosoamino)butanoic Acid		61445-55-4
ACI 124025	<b>N-Nitroso Lurasidone Impurity:</b> 3-(4-nitrosopiperazin-1-yl)benzo[d]isothiazole		NA
ACI-051325	<b>N-Nitroso Epinephrine :</b> 4-((R)-2-(N-methyl-N-nitrosoamino)-1-hydroxyethyl)benzene-1,2-diol		NA
ACI 220525	<b>N-Nitroso Valaciclovir Impurity C:</b> 2-((2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy)ethyl N-methyl-N-nitrosovalinate		NA
ACI 220526	<b>N-Nitroso Valaciclovir Impurity D:</b> 2-((2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy)ethyl N-ethyl-N-nitrosovalinate		NA
ACI 220125	<b>N-Nitroso Venlafaxine Impurity :</b> 1-[1-(4-methoxyphenyl)-2-(methylnitrosoamino)ethyl]-Cyclohexanol		2680662-11-5
ACI-190825	<b>N-Nitroso salmeterol xinafoate impurity:</b> 4-(2-(N-(6-(4-phenylbutoxy)hexyl)-N-nitrosoamino)-1-hydroxyethyl)-2-(hydroxymethyl)phenol		NA
ACI 161125	<b>N-Nitroso Pramipexole:</b> N-(2-amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)-N-propylnitrous amide		NA
ACI 052725	<b>N-Nitroso Enalapril:</b> N-((S)-1-Ethoxy-1-oxo-4-phenylbutan-2-yl)-N-nitroso-L-alanylproline		NA
ACI-122825	<b>N-Nitroso Labetalol:</b> 2-hydroxy-5-(1-hydroxy-2-(nitroso(4-phenylbutan-2-yl)amino)ethyl)benzamide		NA

Code	Product Name	Structure	CAS No.
ACI 031825	<b>N-Nitroso-N-Desmethyl cyamemazine:</b> 10-(3-(N-methyl-N-nitrosoamino)-2-methylpropyl)-10H-phenothiazine-2-carbonitrile		NA
ACI 167925	<b>N-Nitroso Palbociclib Impurity 2:</b> N-(6-Acetyl-8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl)-N-(5-(4-nitrosopiperazin-1-yl)pyridin-2-yl)nitrous amide		NA
ACI 167926	<b>N-Nitroso Palbociclib Impurity 3:</b> 6-acetyl-8-cyclopentyl-5-methyl-2-((5-(4-nitrosopiperazin-1-yl)pyridin-2-yl)amino)pyrido[2,3-d]pyrimidin-7(8H)-one		NA
ACI 203525	<b>N-Nitroso Tamsulosin:</b> (R)-5-(2-((2-(2-ethoxyphenoxy)ethyl)(nitroso)amino)propyl)-2-methoxybenzenesulfonamide		NA
ACI 020225	<b>N-Nitroso Bisoprolol:</b> N-(2-Hydroxy-3-(4-((2-isopropoxyethoxy)methyl)phenoxy)propyl)-N-isopropyl nitrous amide		NA
ACI 181425	<b>N-Nitroso Rizatriptan:</b> 2-(5-((1H-1,2,4-triazol-1-yl)methyl)-1-nitroso-1H-indol-3-yl)-N,N-dimethylethan-1-amine		NA
ACI 170225	<b>N-Nitroso Quinapril:</b> (S)-2-(N-((S)-1-ethoxy-1-oxo-4-phenylbutan-2-yl)-N-nitroso-L-alanyl)-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid		NA
ACI 190525	<b>N-Nitroso Sertraline:</b> N-(4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydronaphthalen-1-yl)-N-methylnitrous amide		NA
ACI 071925	<b>N-Nitroso Gefitinib:</b> N-(3-Chloro-4-fluorophenyl)-N-(7-methoxy-6-(3-morpholinopropoxy)quinazolin-4-yl)nitrous amide		NA

Code	Product Name	Structure	CAS No.
ACI 204025	<b>N-Nitroso Tigecycline:</b> (4S,4aS,5aR,12aS)-9-(2-(tert-butyl(nitroso)amino)acetamido)-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide		NA
ACI 043634	<b>Dabigatran Dinitroso impurity:</b> N,N'-dinitroso Dabigatran ethyl ester		NA
ACI 043633	<b>Dabigatran Nitroso impurity:</b> Ethyl 3-(2-(((4-cyanophenyl)(nitroso)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzodimidazole-5-carboxamido)propanoate		NA
ACI R14027	<b>Ethyl 3-(Nitroso(pyridin-2-yl)amino) propanoate</b>		NA
ACI 043631	<b>N-Nitroso Dabigatran etexilate:</b> Ethyl 3-(2-(((4-(N-(hexyloxy)carbonyl)carbamidoyl)phenyl)(nitroso)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzodimidazole-5-carboxamido)propanoate		NA
ACI R14028	<b>4-(methyl(Nitroso)amino)-3-nitrobenzoic acid</b>		NA
ACI 043632	<b>Dabigatran Nitroso impurity:</b> Ethyl 3-(4-(methyl(nitroso)amino)-3-nitro-N-(pyridin-2-yl)benzamido)propanoate		NA
ACI 201925	<b>N-Nitroso Timolol:</b> (S)-N-(Tert-butyl)-N-(2-hydroxy-3-((4-morpholino-1,2,5-thiadiazol-3-yl)oxy)propyl)nitrous amide		
ACI 010625	<b>N-Nitroso Ambroxol:</b> N-(2-Amino-3,5-dibromobenzyl)-N-((1r,4r)-4-hydroxycyclohexyl)nitrous amide		



Code	Product Name	Structure	CAS No.
ACI 152425	<b>N-Nitroso Nintedanib:</b> (Z)-methyl 3-(((4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)(nitroso)amino)(phenyl)methylene)-2-oxindoline-6-carboxylate		NA
ACI 025125	<b>N-Nitroso Bumetanide :</b> 3-(Aminosulfonyl)-5-(butylnitrosoamino)-4-phenoxybenzoic acid		2490432-02-3
ACI 080226	<b>N-Nitroso 5-Chloro Hydrochlorothiazide:</b> 5,6-Dichloro-2-nitroso-3,4-dihydro-2H-benzo[e][1,2,4]thiadiazine-7-sulfonamide 1,1-dioxide		2490432-02-3

## CERTIFICATE OF ANALYSIS

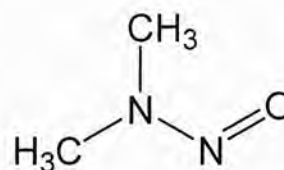
### Reference Standard

**Product Name:** N-Nitrosodimethylamine

**Product Information:**

**Product Code:** ACI 220416  
**Lot No.:** 220416-2002  
**Mol. Form.:** C<sub>2</sub>H<sub>6</sub>N<sub>2</sub>O  
**Mol. Wt.:** 74.08 g/mol  
**CAS Number:** [62-75-9]  
**QC Release Date:** 18.12.2020  
**Recertified On:** -  
**Retest due On:** 17.12.2023

Chemical structure:




**Long Term Storage:** Store at -20°C. Protect from moisture and light.

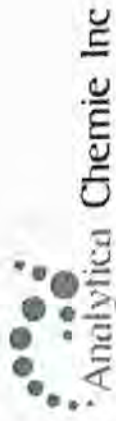
### Analytical Information:

Characteristics	Test results
Description	Colorless Liquid
IR	Complies
Mass Spectroscopy	m/z 74.8 [M] <sup>+</sup> Complies
<sup>1</sup> H NMR	Complies
Water content by KF	1.47%
Residual solvents by NMR	Nil
Purity by HPLC	99.98%
Total Impurities (HPLC)	0.02%
Assay / Potency 'as is'	98.5%

\*The assay/potency 'as is' is equivalent to the assay based of the not anhydrous and not dried substance respectively.

Analytica Chemie Inc.

  
 Dr. Malladi Srinivas  
 Chief Scientific Officer  
 Product Release



*This Report was generated under a 21 CFR 11 Environment*

**System Information:**

Sample ID: 220416-2002

System Status: Good

File Location: BLR-WS-0133\SQLXPRESS\VAIMDB\_Public(000)|Public Results\2020\Nove-2020\ 220416-2002\_2020-12-16T16-56-30.a2r

PC/Workstation ID: FTIR- PC

Software Version: MicroLab PC(21CFR11): 5.3.1748.0

FW Version:1.96.00.0

**Reporting Information:**

Report Template: Spectrum.docx

Report Generated By: Group1\Project1\QC

Report Generation Date: 2020-12-16T16:56:30.645+05:30

Report Generation GMT Date:12-16-2020 11:26:36 AM

12/16/2020 4:56:36 PM

**Data Information:**

Method Name: Analytical Chemie

User: Group1\Project1\QC

Date/Time: 12-16-2020 4:56:30 PM

Instrument Model: Carry 630

Instrument S/N: MY16402006



Sample ID: 220416-2002

Method Name: Analytical Chemie

Sample Scans: 32

User: Group1\Project1\QC

Background Scans: 32

Date/Time: 12-16-2020 4:56:30 PM

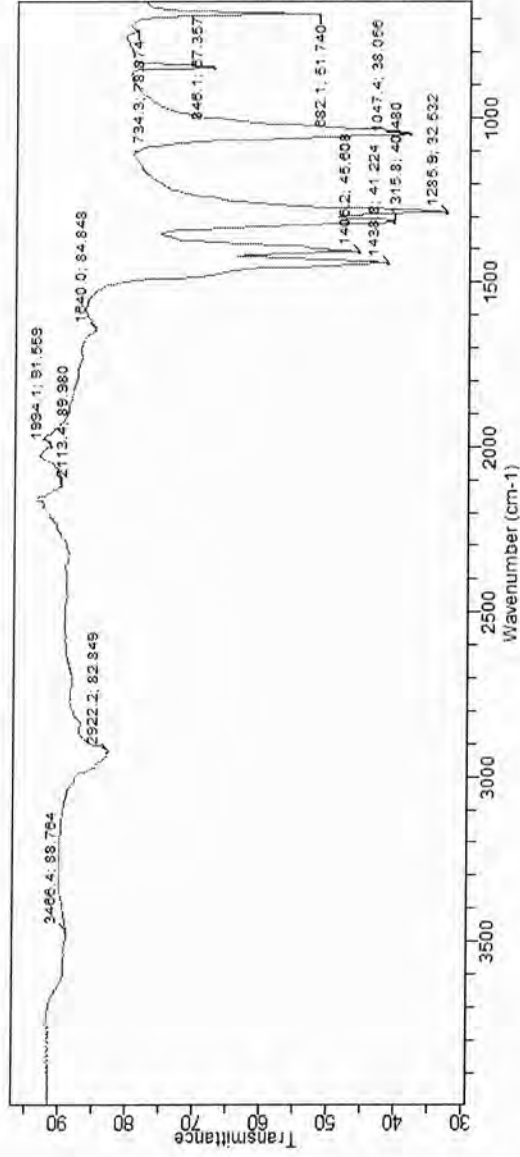
Resolution: 8

Range: 4000 - 650

System Status: Good

Apodization: Happ-Genzel

File Location: BLR-WS-0133\SQLXPRESS\VAIMDB\_Public(000)\Public Results\2020\Nove-2020\



E-SIGNATURES

Signature



Analysed by: *[Signature]*  
 16/12/2020

12/16/2020 4:56:36 PM

Checked by:

*[Signature]*  
 16/12/2020

page 2 of 2

74.8

600000  
550000  
500000  
450000  
400000  
350000  
300000  
250000  
200000  
150000  
100000  
50000  
0

Intensity

68.6 72.9 75.7 83.0

m/z

190.00  
180.00  
170.00  
160.00  
150.00  
140.00  
130.00  
120.00  
110.00  
100.00  
90.00  
80.00  
70.00  
60.00

Analysed by: *g-Bhan kumf*  
18/12/2020

Checked by: *A*  
18/12/2020







Analytica Chemie Inc

220416-2002

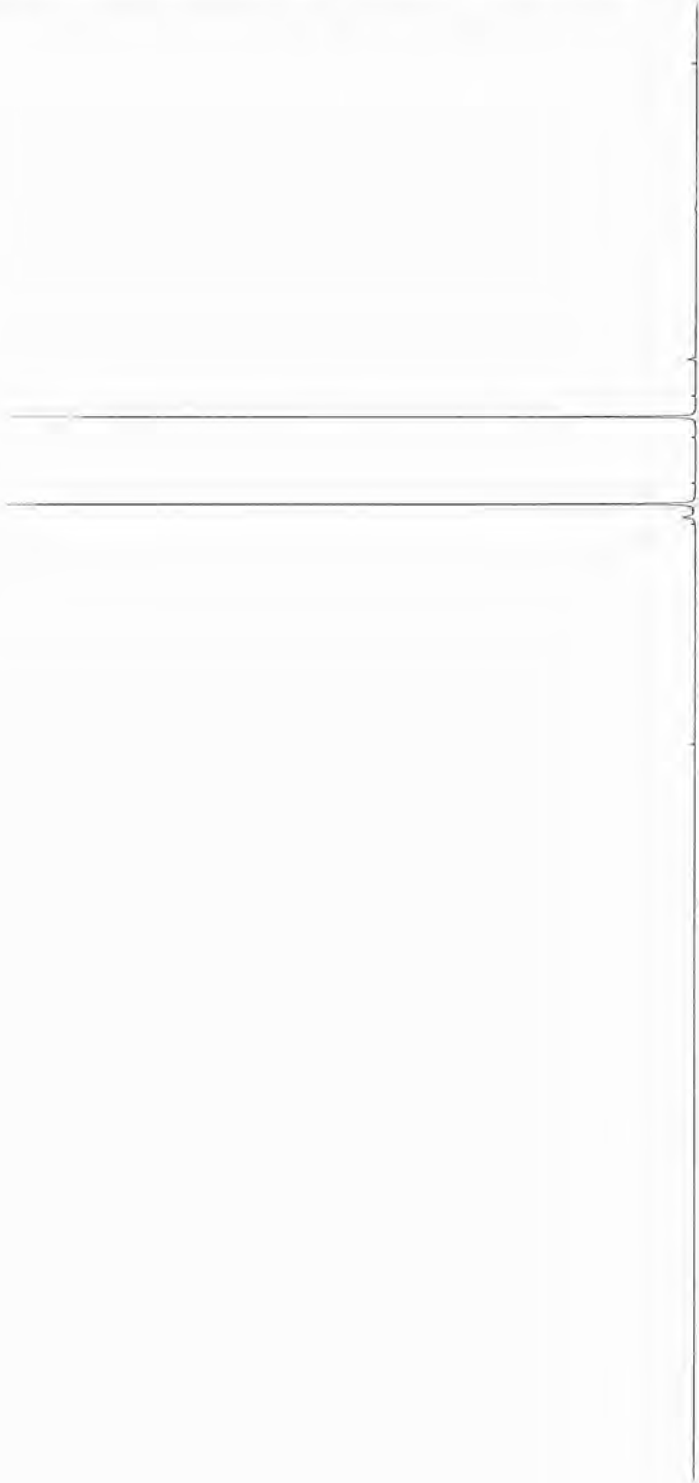
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1.47  
1.48  
1.91  
1.97  
1.99  
2.00  
2.01  
2.03  
2.50  
2.51  
2.52  
2.82  
3.00  
3.17  
3.56  
3.73  
3.85  
3.91  
5.33  
5.76

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 PROCNO 1

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 PULPROG zg30  
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 SOLVENT DMSO  
 NS 32  
 DS 2  
 SWH 8012.820 Hz  
 FIDRES 0.122266 Hz  
 AQ 4.0894465 sec  
 RG 101  
 DW 62.400 usec  
 DE 6.50 usec  
 TE 294.1 K  
 D1 1.00000000 sec  
 ID0 1

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 NUC1 1H  
 P1 9.66 usec  
 PLW1 9.10000038 W

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 PC 1.00



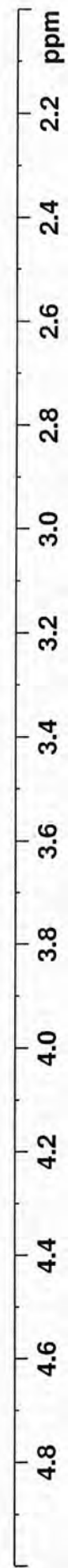
*17/12/2020*

CHECKED BY:

ANALYSED BY *G. Govan Kumar* /17/12/2020

220416-2002

3.91  
3.85  
3.73  
3.56  
3.17  
3.00  
2.82  
2.52  
2.51  
2.51  
2.50  
2.50



CHECKED BY: *[Signature]*  
17/12/2020

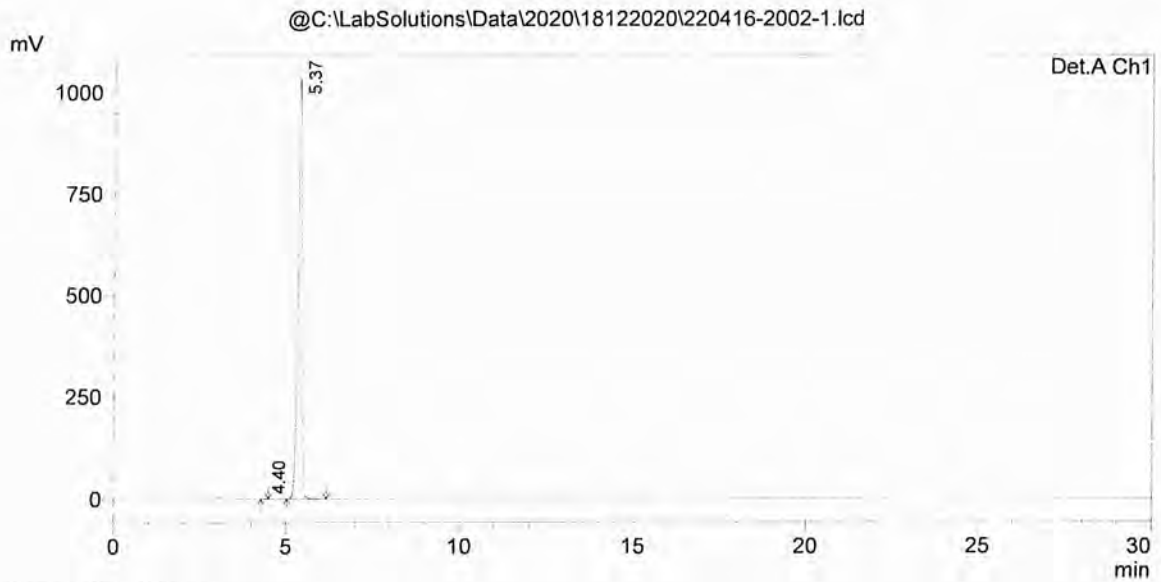
ANALYSED BY *G. D. Venk K. J. H.*  
17/12/2020

# ==== Shimadzu LCsolution Analysis Report ====

@C:\LabSolutions\Data\2020\18122020\220416-2002-1.lcd

Injection Volume : 5 uL  
Data File Name : 220416-2002-1.lcd  
Data Acquired : 12/18/2020 3:25:43 PM  
Data Processed : 12/18/2020 4:58:46 PM

Column : Puritas Eximius C18, 250 x 4.6mm,5µ  
Mobile phase A: 0.05 M Sodium dihydrogen phosphate in water.  
Mobile phase B:ACN  
Pump mode:Isocratic , A:B::90:10v/v  
Flow rate:1.0 ml/min



Detector A Ch1 225nm

Peak#	Ret. Time	Area	Area %
1	4.40	1854	0.02
2	5.37	8062982	99.98
Total		8064835	100.00

Analyzed by:

*[Signature]*  
18/12/2020



Checked by:

*[Signature]*  
18/12/2020



## CERTIFICATE OF ANALYSIS

### Reference Standard

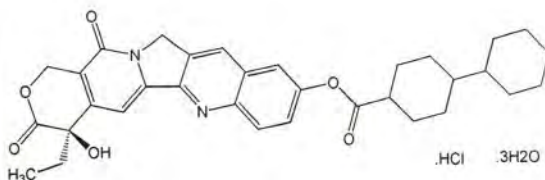
**Product Name:** Irinotecan Hydrochloride Trihydrate

**Chemical Name:** [1,4'-Bipiperidine]-1'-carboxylic Acid (4S)-4,11-Diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl Ester Hydrochloride Trihydrate.

### Product Information:

**Product Code:** ACI 090400  
**Lot No.:** 090400-2102  
**Mol. Form.:** C<sub>33</sub>H<sub>38</sub>N<sub>4</sub>O<sub>6</sub>.HCl.3H<sub>2</sub>O  
**Mol. Wt.:** 677.18g/mol  
**CAS Number:** [136572-09-3]  
**QC Release Date:** 17.12.2021  
**Recertified On:** -  
**Retest due On:** 16.12.2024

Chemical structure:



**Long Term Storage:** Store at 2-8°C. Protect from moisture and light.

### Analytical Information:

Characteristics	Test results
Description	Off White Solid
Melting Range	286.6-289.5°C
IR	Complies
Mass Spectroscopy	m/z 587.2(M-HCl-3H <sub>2</sub> O) <sup>+</sup> Complies
<sup>1</sup> H NMR	Complies
Water content by KF	0.67% (Experimental-8.65% -Theoretical-7.98%)
Residual solvents by NMR	Nil
Purity by HPLC	99.77%
Total Impurities (HPLC)	0.23%
Assay / Potency 'as is'	99.1%

\*The assay/potency 'as is' is equivalent to the assay based of the not anhydrous and not dried substance respectively.

Analytica Chemie Inc.

Dr. Malladi Srinivas  
 Chief Scientific Officer  
 Product Release

*This Report was generated under a 21 CFR 11 Environment*

**System Information:**

Sample ID: 090400-2102

System Status: Good

File Location: BLR-WS-0133\SOLEXPRESS\VAIMDB\_Public(000)|Public Results\2021\Nov-2021\ 090400-2102\_2021-12-17T15-36-03.a2r

**Data Information:**

Method Name: Analytical Chemie

User: Group1\Project1\qc

Date/Time: 12-17-2021 3:36:03 PM

PC/Workstation ID: FTIR- PC

Instrument Model: Carry 630

Software Version: MicroLab PC(21CFR11): 5.3.1748.0

Instrument S/N: MY16402006

FW Version: 1.96.00.0

**Reporting Information:**

Report Template: Spectrum.docx

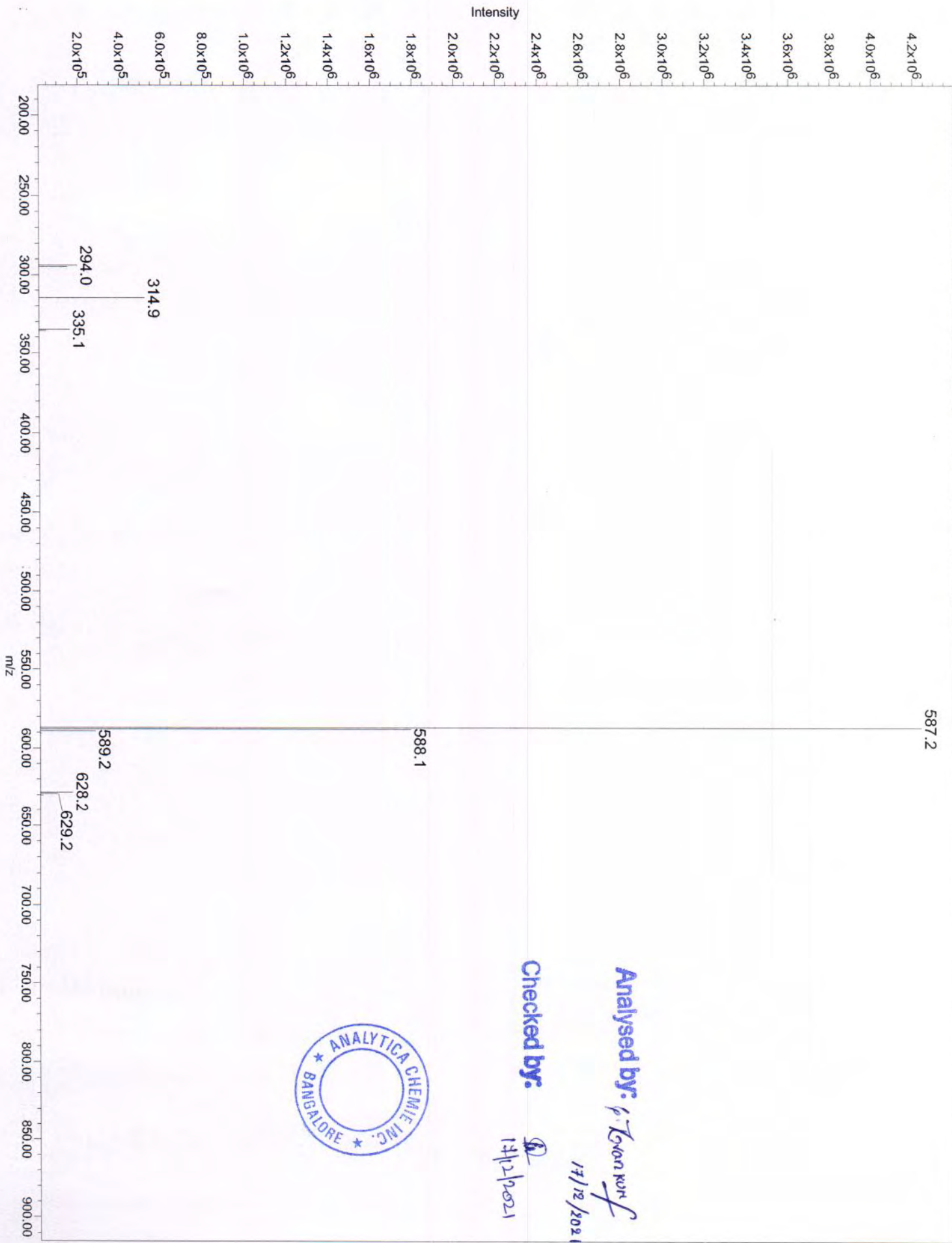
Report Generated By: Group1\Project1\qc

Report Generation Date: 2021-12-17T15:36:03.504+05:30  
Report Generation GMT Date: 12-17-2021 10:06:21 AM

12/17/2021 3:36:26 PM







587.2

Analysed by: *S. Sivan Kumar*

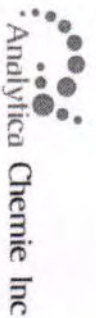
17/12/2021

Checked by:

*[Signature]*  
17/12/2021



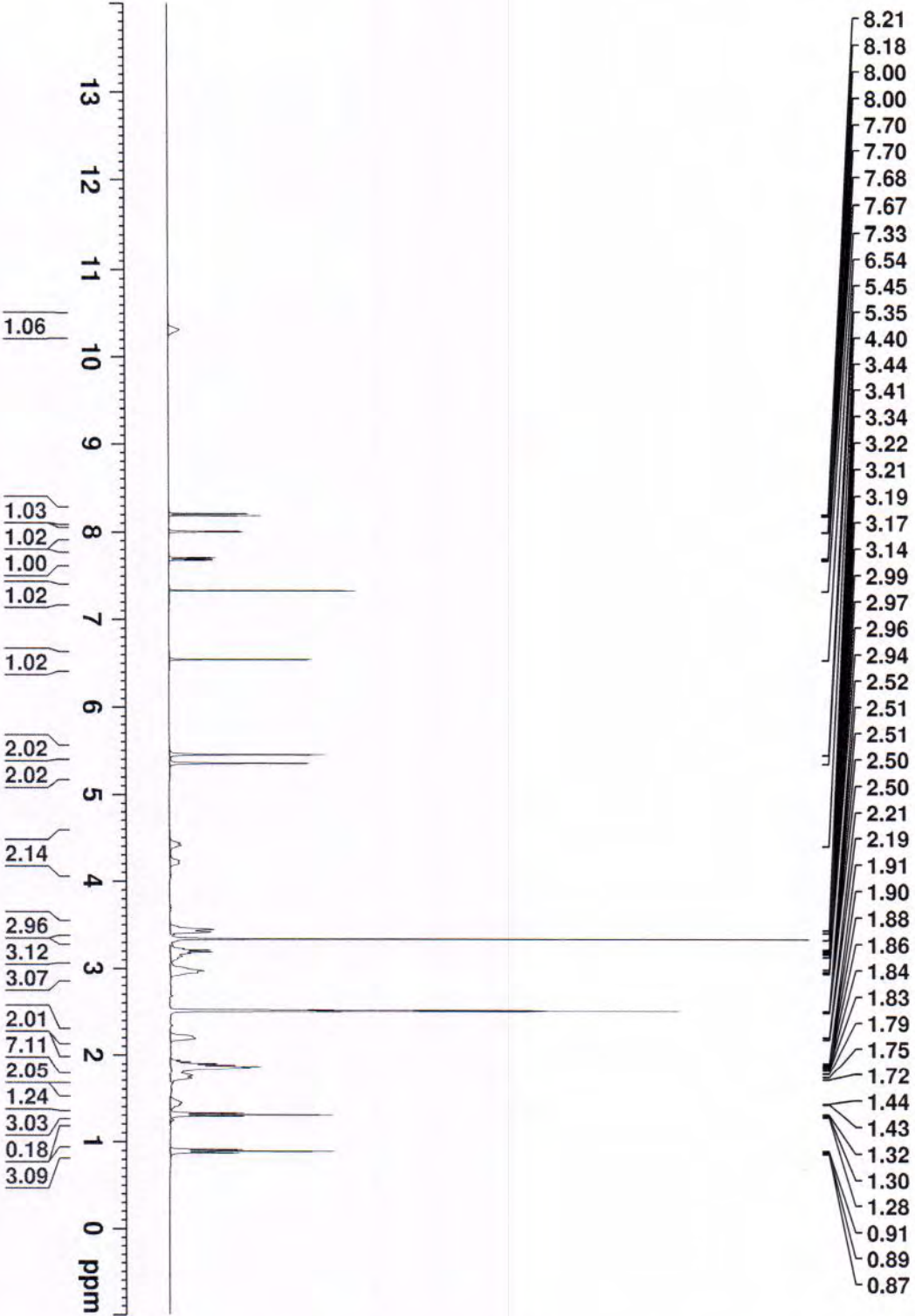
090400-2102



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PROCNO 1

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PULPROG zg30  
TD 65536  
SOLVENT DMSO  
NS 16  
DS 2  
SMH 8012.820 Hz  
FIDRES 0.122266 Hz  
AQ 4.0894465 sec  
RG 406  
DW 62.400 usec  
DE 6.50 usec  
TE 296.6 K  
D1 1.00000000 sec  
TD0 1

----- CHANNEL f1 -----  
SFO1 400.1524711 MHz  
NUC1 1H  
P1 9.66 usec  
PLW1 9.10000038 W  
F2 - Processing parameters  
SI 65536  
SF 400.1500000 MHz  
WDW EM  
SSB 0  
LB 0.30 Hz  
GB 0  
PC 1.00



ANALYSED BY

G. T. Govan RHM  
17/12/2021

CHECKED BY:

17/12/2021





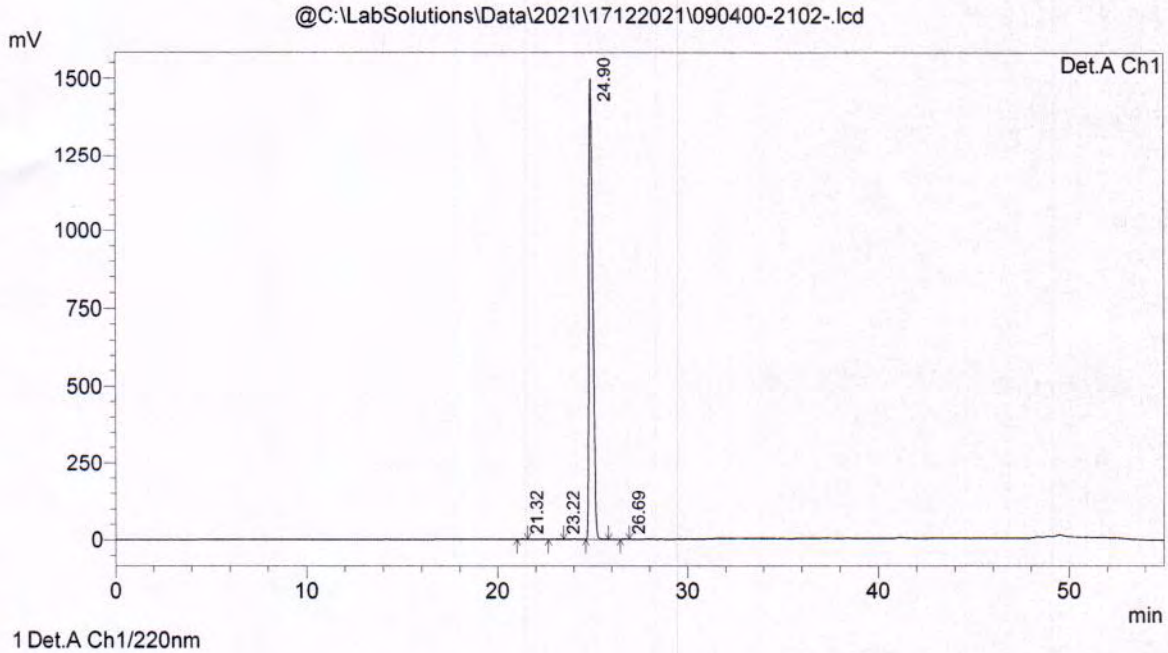
==== Shimadzu LCsolution Analysis Report ====

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Injection Volume : 5 uL  
Data File Name : 090400-2102-.lcd  
Data Acquired : 12/17/2021 1:49:35 PM  
Data Processed : 12/17/2021 2:59:25 PM

Column : Puritas Eximius C18 ,250x 4.6 mm ,5μ  
Mobile phase A:Dissolve 2.72 g of potassium dihydrogen phosphate in 950 ml of water for chromatography, adjust to pH 3.5 with dilute phosphoric acid and dilute to 1000 ml with water for chromatography.  
Mobile phase B: Methanol , Acetonitrile(40:60v/v)  
Flow rate :1.0 ml/min  
Column Temp : Ambient  
Diluent : Acetonitrile,Methanol,Mobile phase-A(25:25:50v/v/v)  
Sample conc. : 1.0 mg/ml.  
Pump mode:Gradient

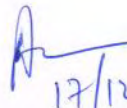
Time	M.P-A	M.P-B
0.01	80	20
2.0	80	20
42.0	30	70
47.0	30	70
49.0	80	20
55.0	80	20




@C:\LabSolutions\Data\2021\17122021\090400-2102-.lcd  
Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %
1	21.32	19088	0.09
2	23.22	18961	0.09
3	24.90	21255240	99.77
4	26.69	10438	0.05
Total		21303728	100.00

Analysed By:

  
17/12/2021

Checked By:

  
17/12/2021

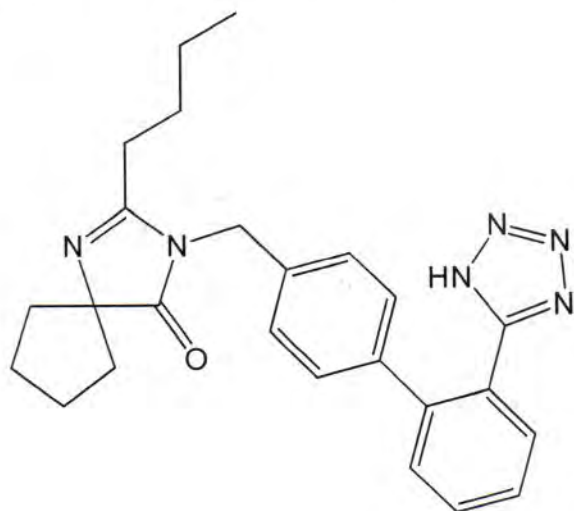


## Certificate of Analysis

Secondary Standard

### Irbesartan

2-Butyl-3-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1,3-diazaspiro[4.4]non-1-en-4-one



Molecular Formula: C<sub>25</sub>H<sub>28</sub>N<sub>6</sub>O  
Molecular Weight: 428.53g/mol  
CAS Number: [138402-11-6]

Catalogue Number: ACI WS 090600  
Lot number: WS 090600-2102  
Long Term Storage: 2 – 8°C, dark  
Appearance: White Solid  
Melting Point: 189.2-191.0°C

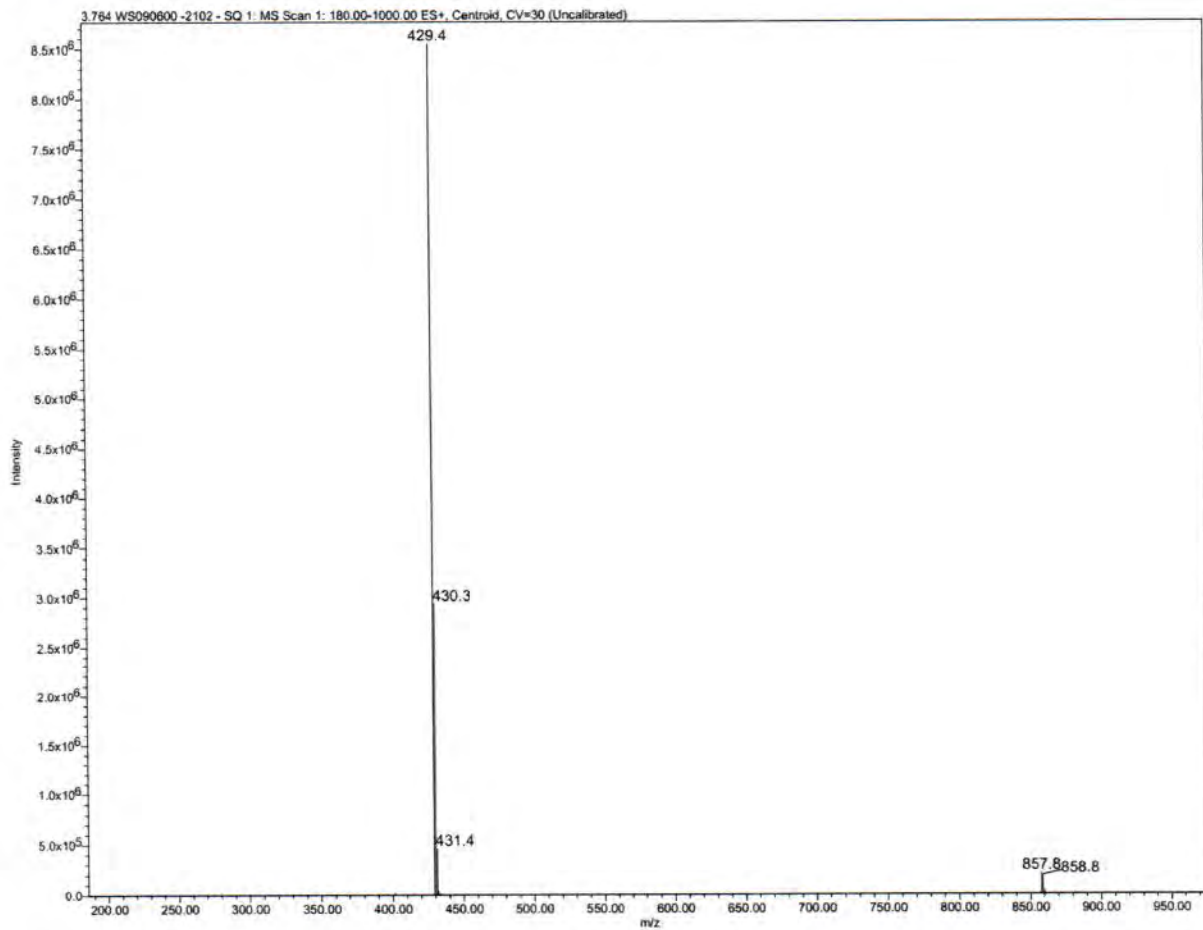
Date of shipment: xx.xx.xxxx



## I. Identity

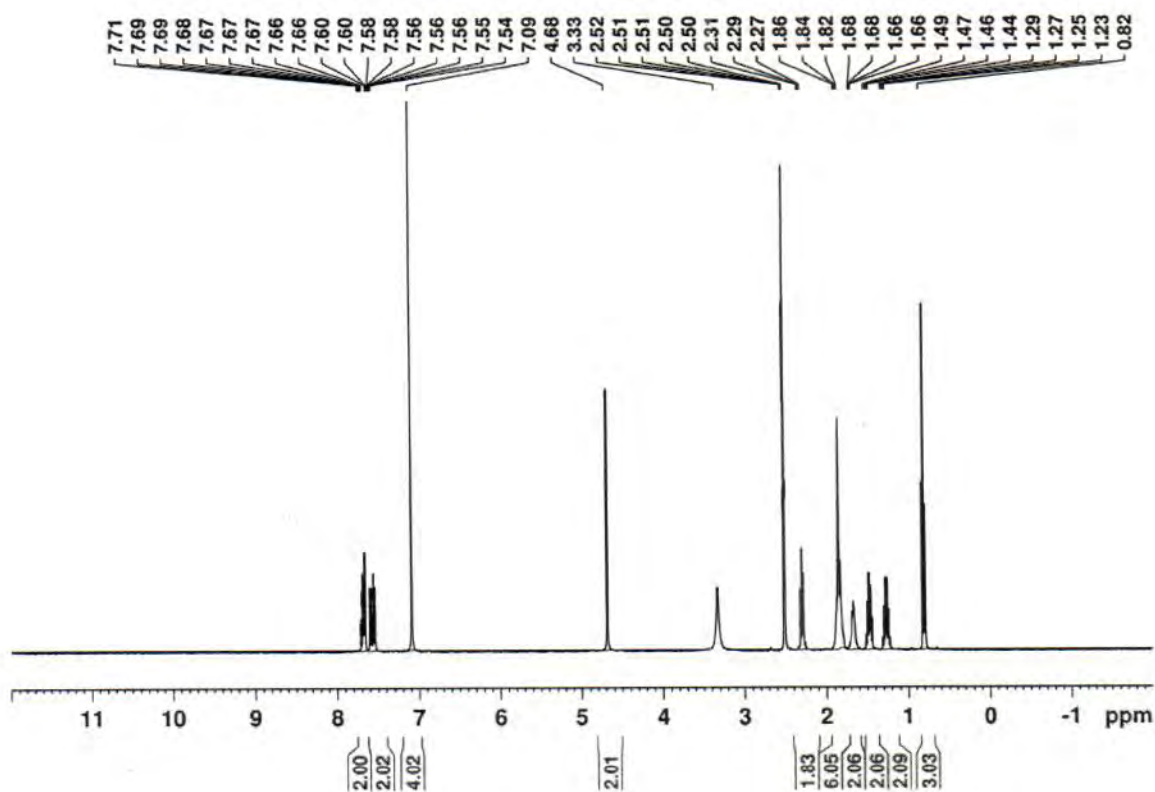
The identity of the reference substance was established by following analysis.

### Ia. Mass Spectrophotometry



**Method:** LC, ESI (+)  
**Result:** m/z 429.4 [M+H]<sup>+</sup>

1b. <sup>1</sup>H-NMR spectrum

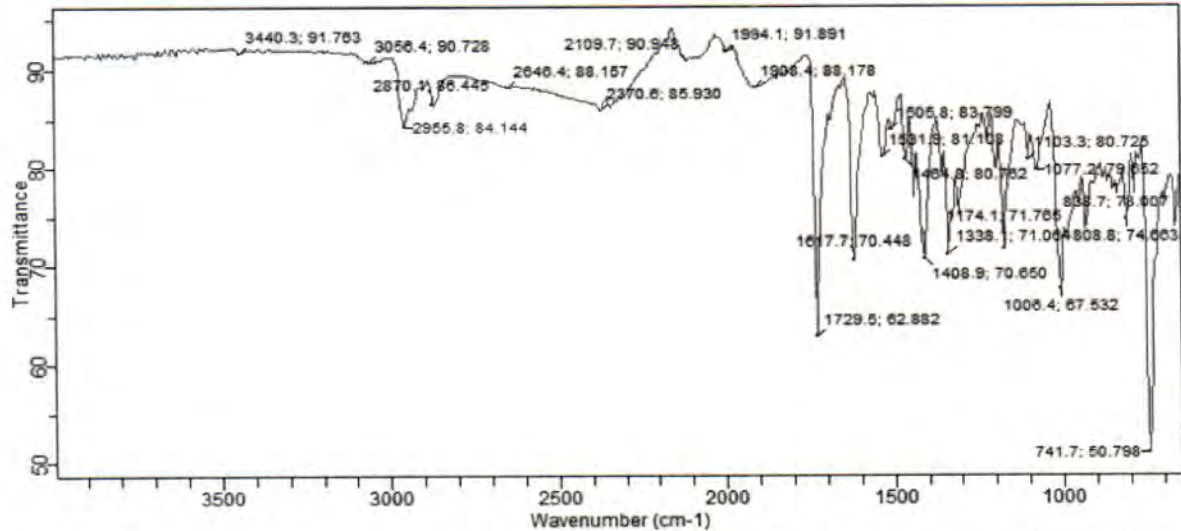


Conditions: 400 MHz, DMSO-d<sub>6</sub>

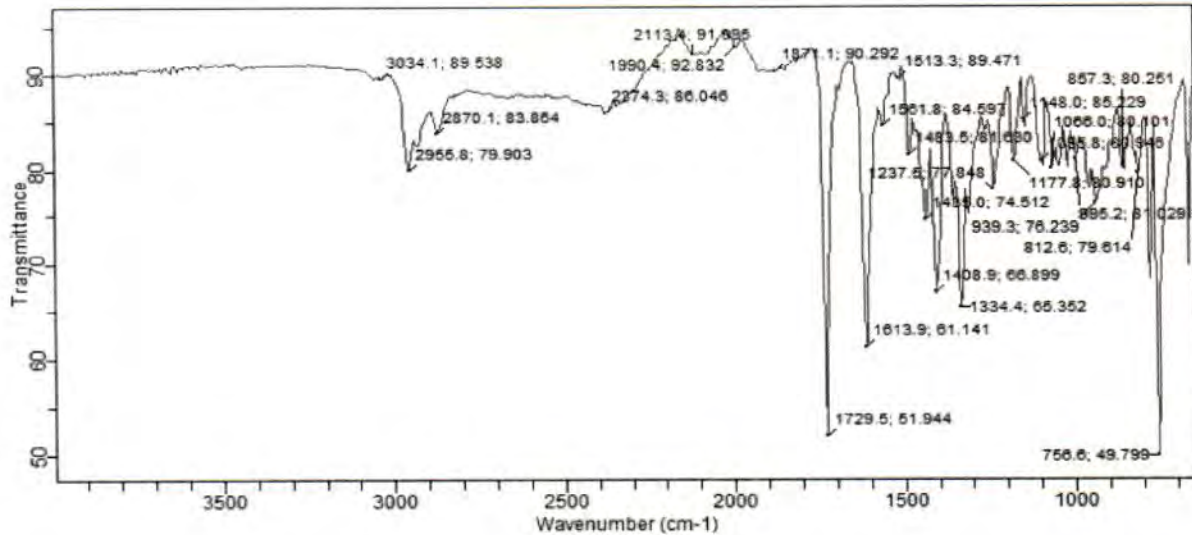
The structure is confirmed with the signals of the spectrum and their interpretation.

**1c. IR spectrum**

**Method:** Attenuated total reflection Fourier transform infrared (ATR-FTIR) spectroscopy



The signals of the IR spectrum and their interpretation are consistent with spectrum of EP reference substance (Spectrum of the EP CRS is shown below):



## II. Assay Determination by Mass Balance

### Water Content

Method: KF titration

#### Results:

Average 0.09%

Number of results n=2

### Residual Solvents

Residual solvents were determined by <sup>1</sup>H-NMR.

Result: None

### Purity

Method: EP

#### Results:

Purity (HPLC) 99.96%

Total Impurities 0.04%

### Assay

Total Impurities (HPLC) 0.04%

Water Content 0.09%

Assay 99.87%

Purity by Mass balance is 99.8% on as is' basis

The assay 'as is' is equivalent to the assay based of the not anhydrous and not dried substance respectively.



### III. Traceability Assay

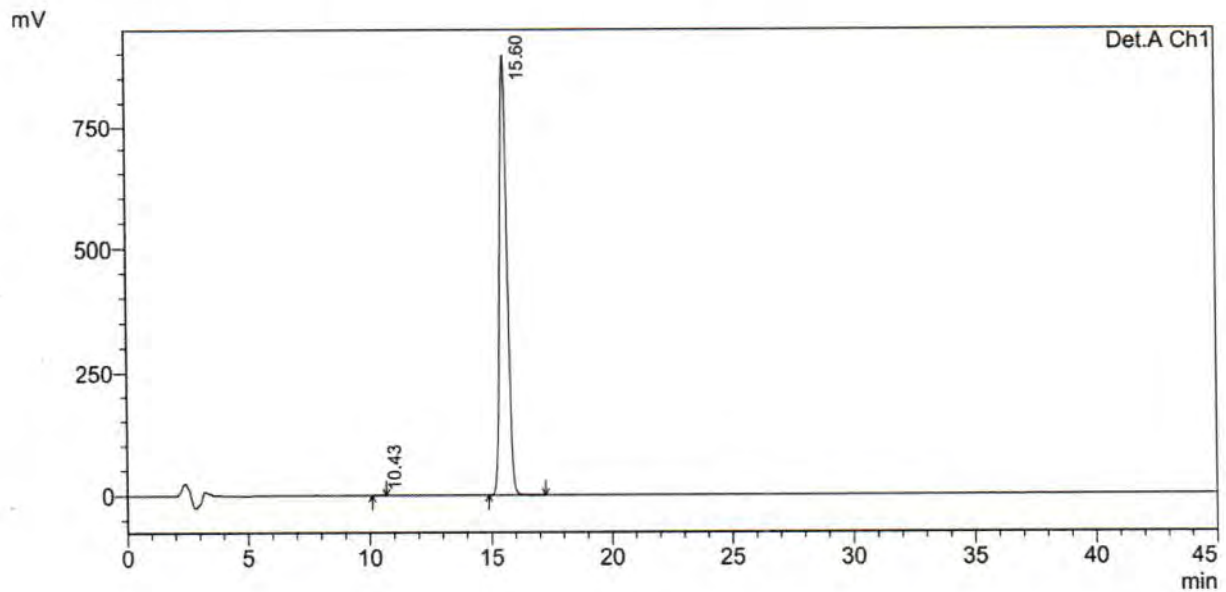
Comparative assay demonstrates direct traceability to Pharamcopoeial Standards

Method: HPLC

#### HPLC Conditions:

Column:	Conditions:	Detector:	Injection:
Puritas Eximius C18, 5 µm, 250 x 4.6 mm	Isocratic, 1.0 ml/min  Buffer solution pH 3.2: Mix 5.5 ml of phosphoric acid and 950 ml of water and adjust to pH 3.2 with Triethylamine.	UV 220nm	20µl  (1.0 mg/ml in Methanol)
	Mobile phase A : Acetonitrile ,buffer solution pH 3.2(33:67v/v)		
	Mobile phase B: Acetonitrile.[A:B::90:10v/v].		

Representative Chromatogram from Lot: ACI WS-090600-2102



**Area percent report – sorted by signal**

Peak#	Ret. Time	Area	Area %
1	10.43	6898	0.04
2	15.60	19053805	99.96
Total		19060702	100.00

**ASSAY vs. EP REFERENCE STANDARD**

**Assay Value**

99.95%

**vs.EP ID**


0053Q9

Assay: 100% (as is basis)

Release Date: 17.12.2021

Retest due on: 16.12.2024

Analytica Chemie Inc

  
Dr. Malladi Srinivas  
Chief Scientific Officer  
Product Release

## CERTIFICATE OF ANALYSIS

### Reference Standard

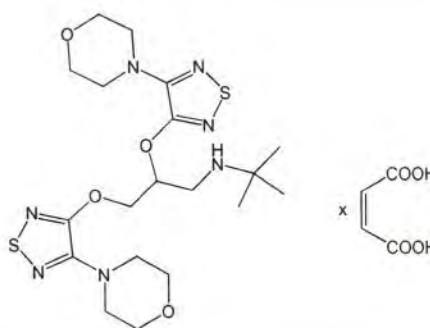
**Product Name: Timolol maleate Imp. C (EP) as maleate**

**Chemical Name:** (2RS)-N-(1,1-Dimethylethyl)-2,3-bis[[4-(morpholin-4-yl)-1,2,5-thiadiazol-3-yl]oxy]propan-1-amine maleate

### Product Information:

**Product Code:** ACI 201903  
**Lot No.:** 201903-2202  
**Mol. Form.:** C<sub>23</sub>H<sub>35</sub>N<sub>7</sub>O<sub>8</sub>S<sub>2</sub>  
**Mol. Wt.:** 601.7 g/mol  
**CAS Number:** [-]  
**QC Release Date:** 01.02.2022  
**Recertified On:** -  
**Retest due On:** 31.01.2025

Chemical structure:




**Long Term Storage:** Store at 2-8°C. Protect from moisture and light.

### Analytical Information:

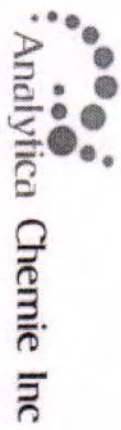
Characteristics	Test results
Description	White Solid
Melting Range	179.2-181.4°C
IR	Complies
Mass Spectroscopy	m/z 486.2(M-C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> ) <sup>+</sup> Complies
<sup>1</sup> H NMR	Complies
Water content by KF	0.07%
Residual solvents by NMR	Nil
Purity by HPLC	99.48%
Total Impurities (HPLC)	0.52%
Assay / Potency 'as is'	99.4%

\*The assay/potency 'as is' is equivalent to the assay based of the not anhydrous and not dried substance respectively.

Analytica Chemie Inc.

  
 Dr. Malladi Srinivas  
 Chief Scientific Officer  
 Product Release





*This Report was generated under a 21 CFR 11 Environment*

**System Information:**

Sample ID: 201903-2202

System Status: Good

File Location: BLR-WS-0133\SOLEXPRESS\VALMDB\_Public(000)\Public Results\2022\Jan-2022\201903-2202\_2022-01-20T10-48-21.a2r

PC/Workstation ID: FTIR- PC

Software Version: Microlab PC(21CFR11): 5.3.1748.0

FW Version:1.96.00.0

**Data Information:**

Method Name: Analytical Chemie

User: Group1\Project1\qc

Date/Time: 01-20-2022 10:48:21 AM

Instrument Model: Carry 630

Instrument S/N: MY16402006

**Reporting Information:**

Report Template: Spectrum.docx

Report Generated By: Group1\Project1\qc

Report Generation Date: 2022-01-20T10:48:21.094+05:30

Report Generation GMT Date:01-20-2022 5:18:27 AM

1/20/2022 10:48:27 AM



Sample ID:201903-2202

Method Name:Analytical Chemie

Sample Scans:32

Background Scans:32

Resolution:8

System Status:Good

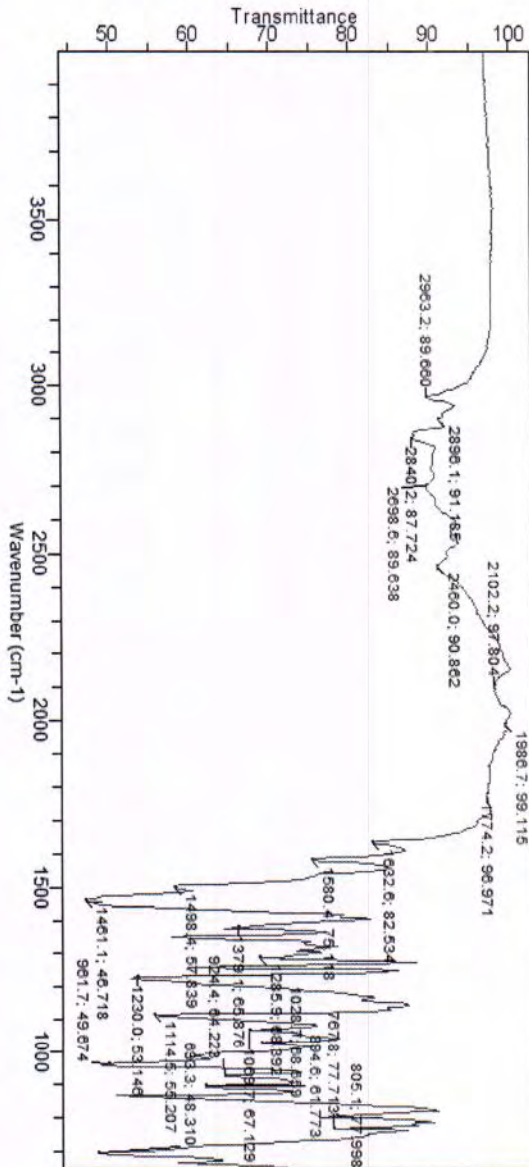
File Location: BLR-WS-0133\SQL EXPRESS\VAIMDB\_Public(000)\Public Results\2022\Jan-2022\

User:Group 1\Project\qc

Date/Time:01-20-2022 10:48:21 AM

Range:4000 - 650

Apodization:Happ-Genzel



E-SIGNATURES

Signature

Analysed by:

*[Handwritten Signature]*  
20/01/2022

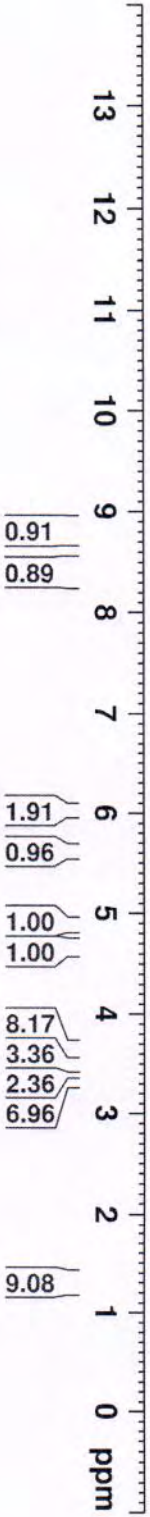
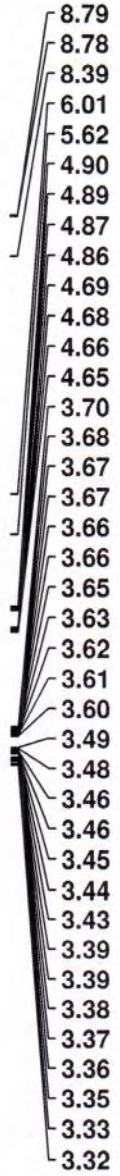
1/20/2022 10:48:27 AM



Checked by:

*[Handwritten Signature]*  
20/01/2022

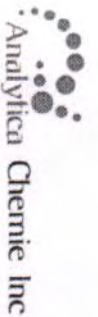
201903-2202



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 PROCNO 1

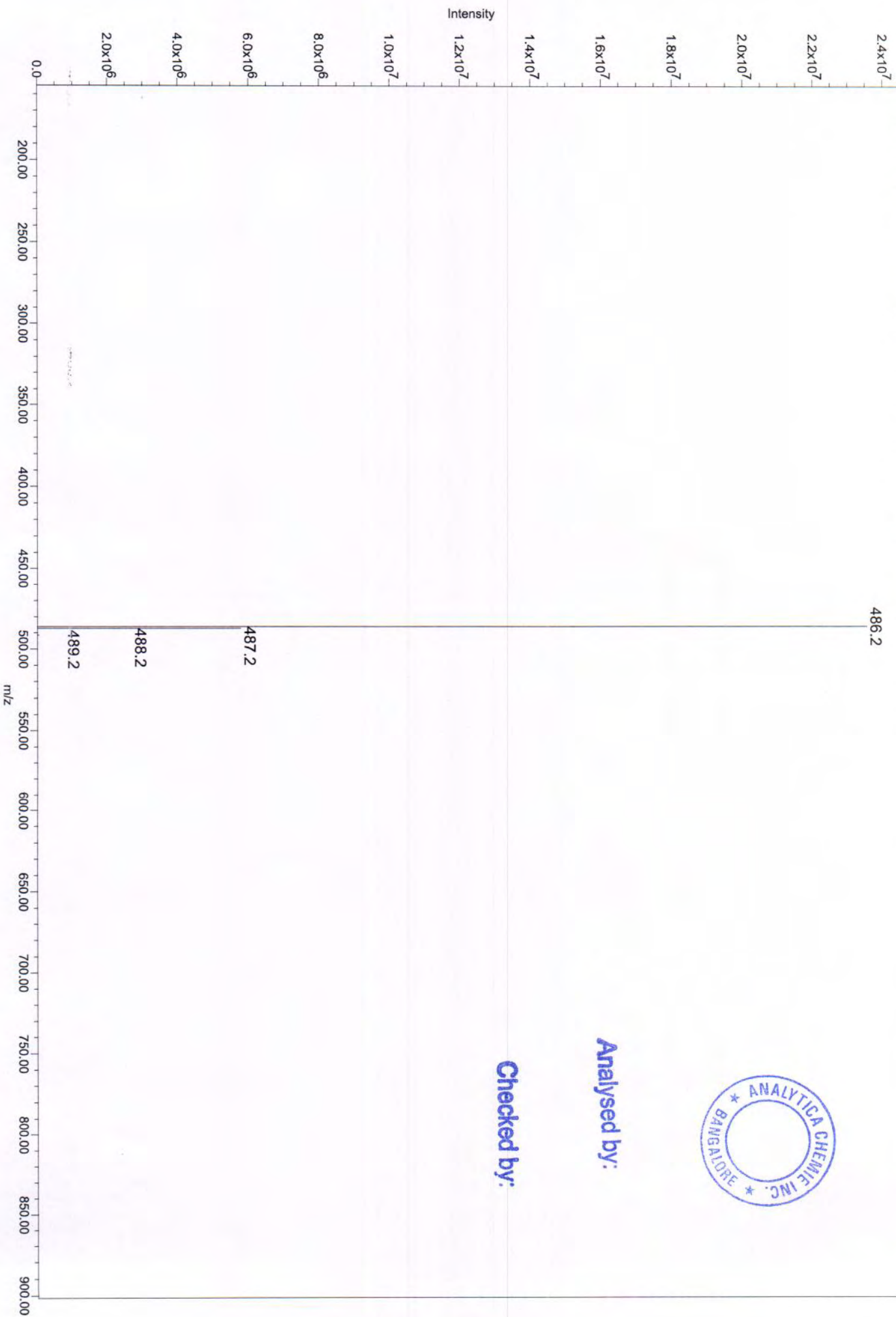
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 Time 11.09  
 INSTRUM spect  
 FREQHD 5 mm PABBO BB/  
 PULPROG zg30  
 TD 65536  
 SOLVENT DMSO  
 NS 16  
 DS 2  
 SWH 8012.820 Hz  
 FIDRES 0.122266 Hz  
 AQ 4.0894465 sec  
 RG 512  
 DW 62.400 usec  
 DE 6.50 usec  
 TE 673.2 K  
 DI 1.00000000 sec  
 TDO 1

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 NUC1 1H  
 P1 9.66 usec  
 PLW1 9.10000038 W  
 F2 - Processing parameters  
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 SF 400.1500030 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00



ANALYSED BY: *G. Suman Kumar*  
 20/01/2022

CHECKED BY: *[Signature]*  
 20/01/2022



Analysed by:

Checked by:



## ==== Shimadzu LCsolution Analysis Report ====

@C:\LabSolutions\Data\2022\01022022\201903-2202.lcd

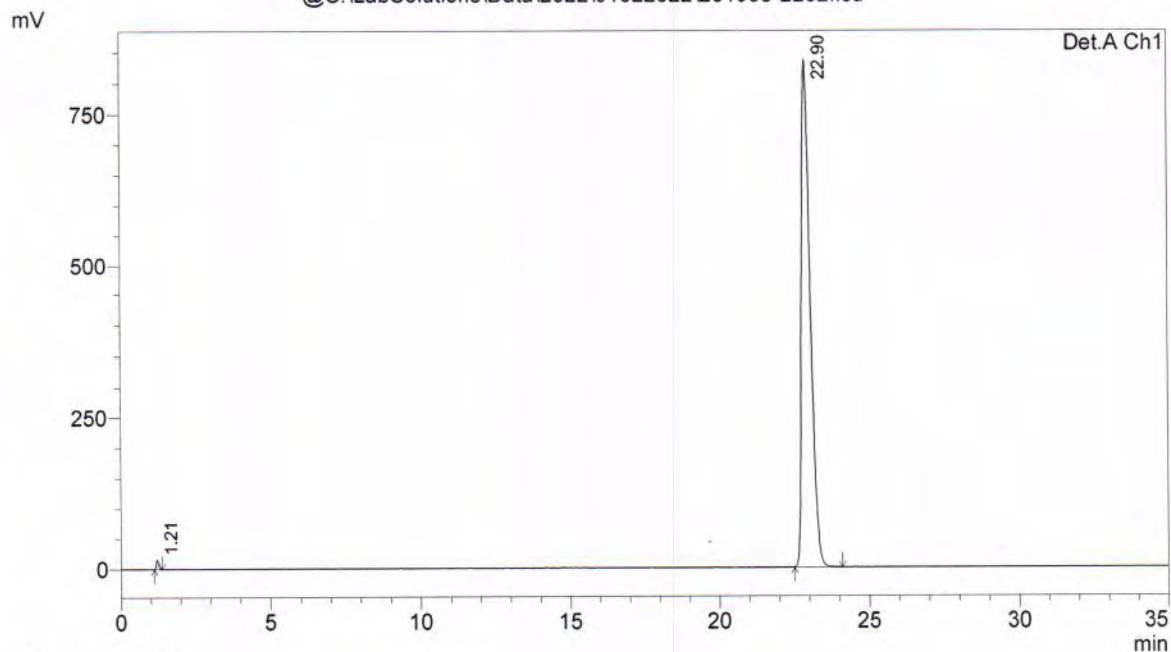
Injection Volume : 10 uL  
Data File Name : 201903-2202.lcd  
Data Acquired : 2/1/2022 12:13:47 PM  
Data Processed : 2/1/2022 1:13:01 PM

Column : COSMOSIL 5C18-MS-II, 150x 4.6 mm ,5μ  
Mobile phase A: Mixture of equal volumes of methanol and a 4.32 g/L solution of sodium octane sulfonate previously adjusted to pH 3.0 with glacial acetic acid.

Mobile phase B: Methanol  
Flow rate : 1.5 ml/min  
Diluent : Mobile phase -A  
Sample conc. : 1.0 mg/ml.  
Column Temp. : Ambient.  
Pump mode : Gradient

Time	M.P-A	M.P-B
0-10	97.5	2.5
10-11	97.5-70	2.5-30
11-20	70	30
20-22	70-97.5	30-2.5
22-35	97.5	2.5

@C:\LabSolutions\Data\2022\01022022\201903-2202.lcd

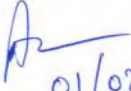


1 Det.A Ch1/295nm


## Detector A Ch1 295nm

Peak#	Ret. Time	Area	Area %
1	1.21	88268	0.52
2	22.90	16966691	- 99.48
Total		17054959	100.00

Analysed By:

  
01/02/2022

Checked By:

  
01/02/2022

## CERTIFICATE OF ANALYSIS

### Reference Standard

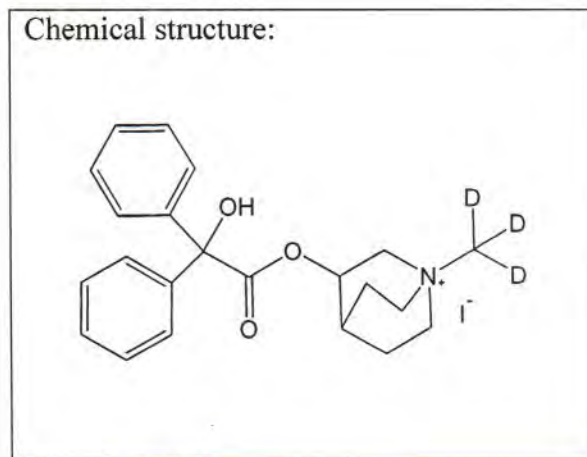
**Product Name: Clidinium Iodide-D3**

**Chemical Name:** 3-[(2-hydroxy-2,2-diphenylacetyl)oxy]-1-methyl-1-azoniabicyclo[2.2.2]octane  
 -iodide d3

### Product Information:

**Product Code:** ACI 038011  
**Lot No.:** 038011-1701  
**Mol. Form.:** C<sub>22</sub>H<sub>23</sub>D<sub>3</sub>INO<sub>3</sub>  
**Mol. Wt.:** 482.37 g/mol  
**CAS Number:** [-]  
**QC Release Date:** 05.08.2017  
**Recertified On:** 05.08.2021  
**Retest due On:** 04.08.2023

Chemical structure:



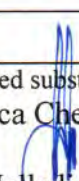
**Long Term Storage:** Store at 2-8°C. Protect from Moisture and light.

### Analytical Information:

Characteristics	Test results
Description	White solid
Melting Range	178.3-179.0°C
IR	Complies
Mass Spectroscopy	m/z 355.6 [M-I] <sup>+</sup> Complies
<sup>1</sup> H NMR	Complies
Water content by KF	0.10%
Residual solvents by NMR	Nil
Purity by HPLC	99.76%
Total Impurities (HPLC)	0.24%
Assay / Potency 'as is'	99.7%

\*The assay/potency 'as is' is equivalent to the assay based of the not anhydrous and not dried substance respectively.

Analytica Chemie Inc.

  
 Dr. Malladi Srinivas  
 Chief Scientific Officer  
 Product Release



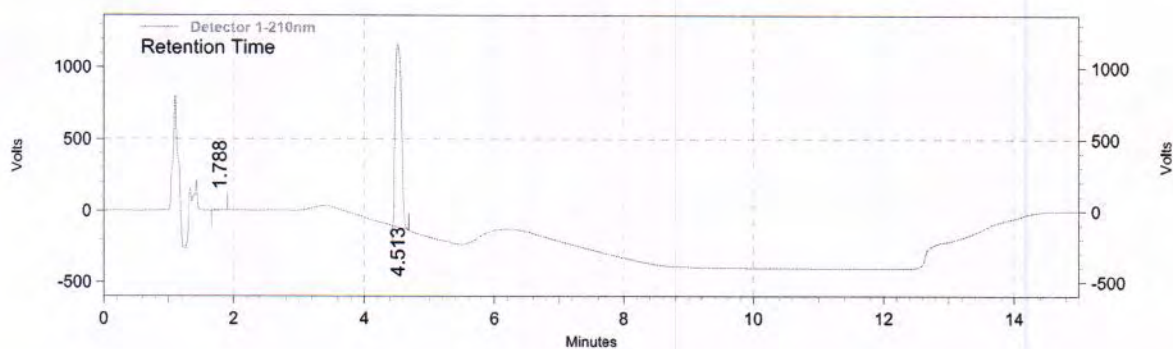
Project Code:038011-F

Column : Thermo Hypersil Gold, 50 x 4.6mm,3µ  
Flow :0.8 ml/min  
Mobile Phase-A: 0.1% TFA in Water:ACN(90:10v/v)  
Mobile Phase-B: ACN  
Diluent : Methanol  
Pump Mode : Gradient

Time	M.P-A	M.P-B
0.01	95	5
1.5	95	5
7.0	5	95
11.0	5	95
12.0	95	5
15.0	95	5

### Area % Report

Data File: C:\ChromQuest\Enterprise\Projects\Default\Data\2021\AUG\05082021\038011-F-.dat  
Method: C:\ChromQuest\Enterprise\Projects\Default\Method\0.1%tfa;acn.met  
Acquired: 05/08/2021 1:01:12 PM



### Detector 1-210nm Results (System (05/08/2021 5:45:41 PM) (Reprocessed))

Retention Time	Area	Area %
1.788	20592	0.24
4.513	8478650	99.76
Totals	8499242	100.00

Analysed By: *G. Loran Kurni*  
05/08/2021



Checked By: *[Signature]*  
05/08/2021

*This Report was generated under a 21 CFR 11 Environment*

**System Information:**

Sample ID: 038011-1701

System Status: Good

File Location: FTIR-PC\SQL EXPRESS\VAIMDB\_Public(000)|Public Results\2017\Aug-2017\ 038011-1701\_2017-08-03T12-41-29.a2r

PC/Workstation ID: FTIR-PC

Software Version: Microlab PC(21CFR11): 5.3.1748.0

FW Version: 1.96.00.0

**Data Information:**

Method Name: Data collect Transmittance

User: ACI\QC\QC

Date/Time: 08-03-2017 12:41:28 PM

Instrument Model: Cary630

Instrument S/N: MY16402006

**Reporting Information:**

Report Template: Spectrum.docx

Report Generated By: ACI\QC\QC

Report Generation Date: 08-03-2017 12:41:37 PM

Report Generation GMT Date: 08-03-2017 7:11:37 AM

Sample ID: 038011-1701

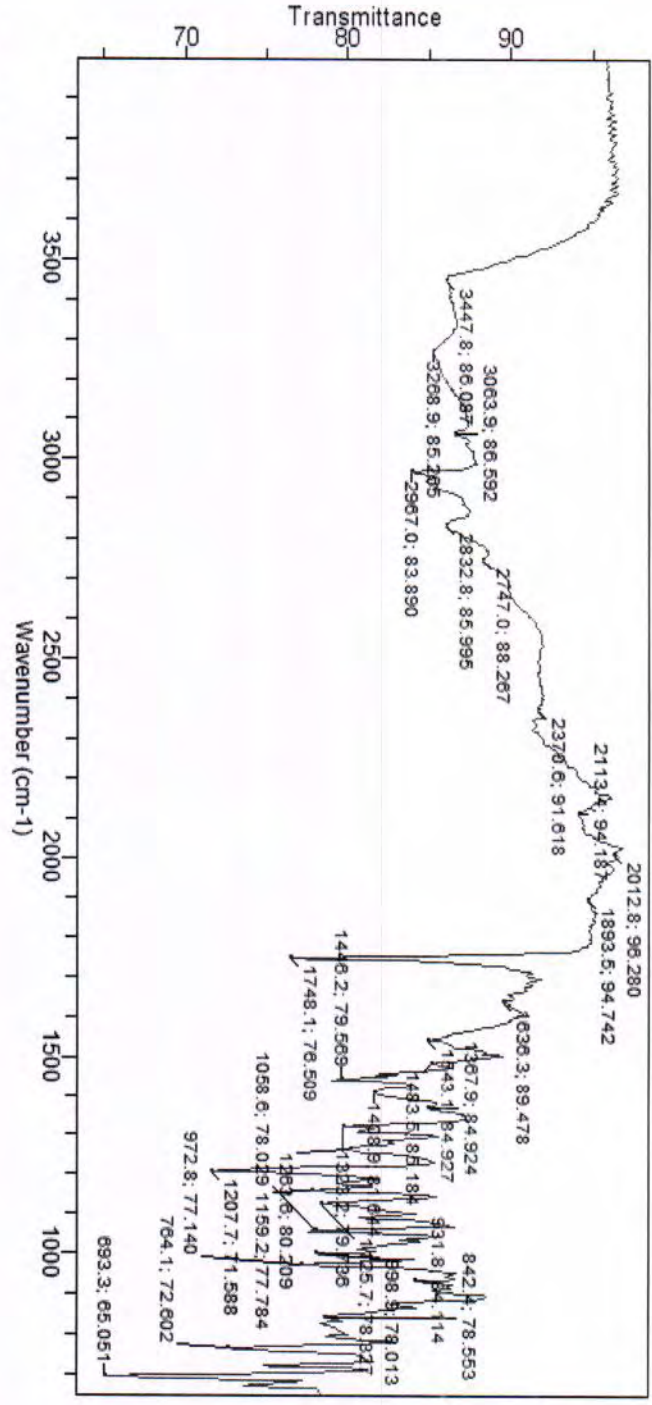
Method Name: Data collect Transmittance

8/3/2017 12:41:37 PM



Sample Scans:32  
 Background Scans:32  
 Resolution:8  
 System Status:Good  
 File Location:FTIR-PC\SOLEXPRESS\I\AIMDB\_Public(000)\Public Results\2017\Aug-2017\038011-1701\_2017-08-03T12-41-29.a2r

User:ACI\QC\QC  
 Date/Time:08-03-2017 12:41:28 PM  
 Range:4000 - 650  
 Apodization:Happ-Genzel



E-SIGNATURES

Signature \_\_\_\_\_

Analysed by:

*[Handwritten Signature]*  
03/08/2017

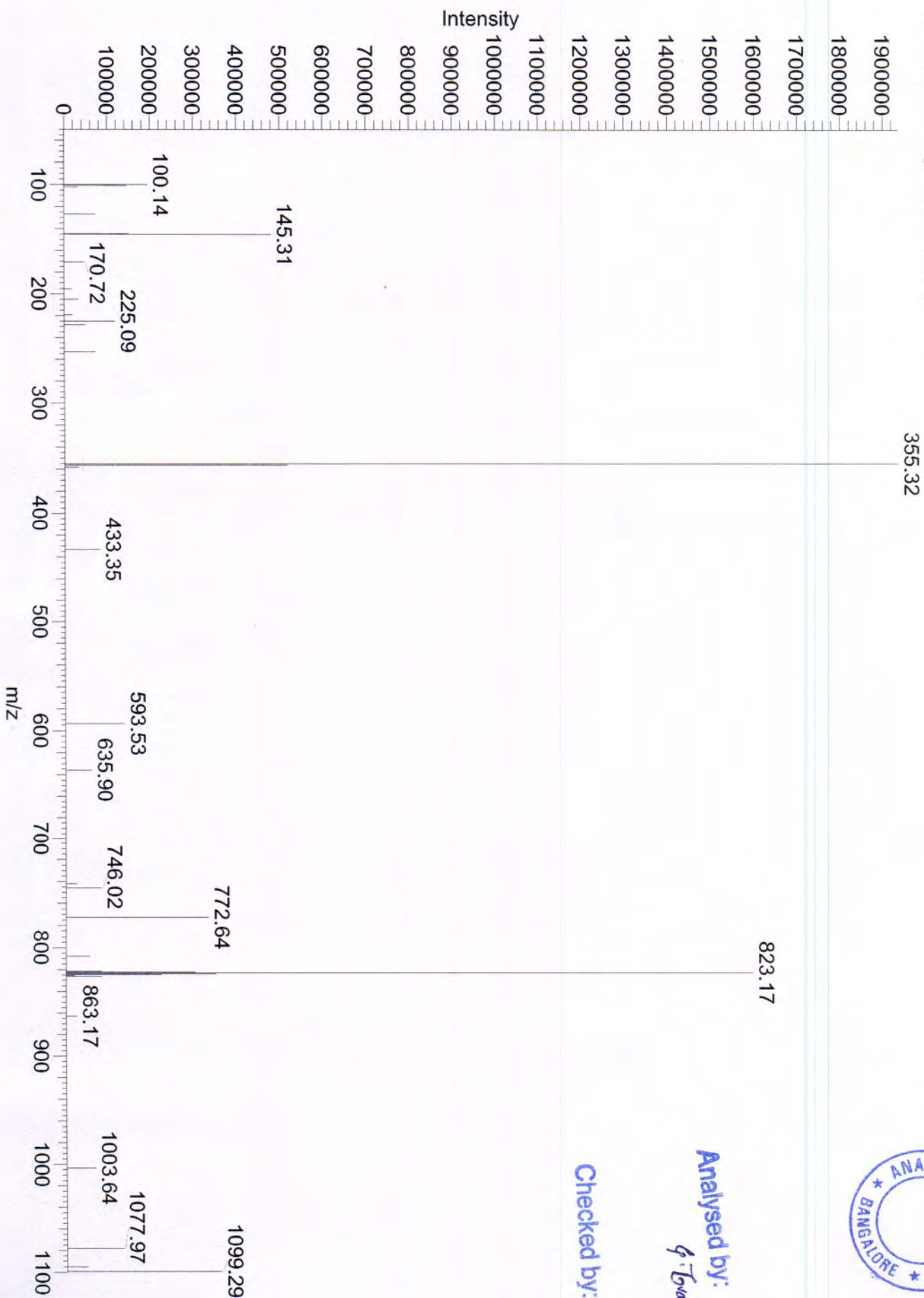
8/3/2017 12:41:37 PM



Checked by:

*[Handwritten Signature]*  
02/08/2017

038011-F #1093 RT: 6.60 AV: 1 NL: 1.94E6  
T: + c ESI-Full ms [50.00-1100.00]



Analysed by:

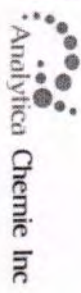
*G. Gowriks*

02/08/2017

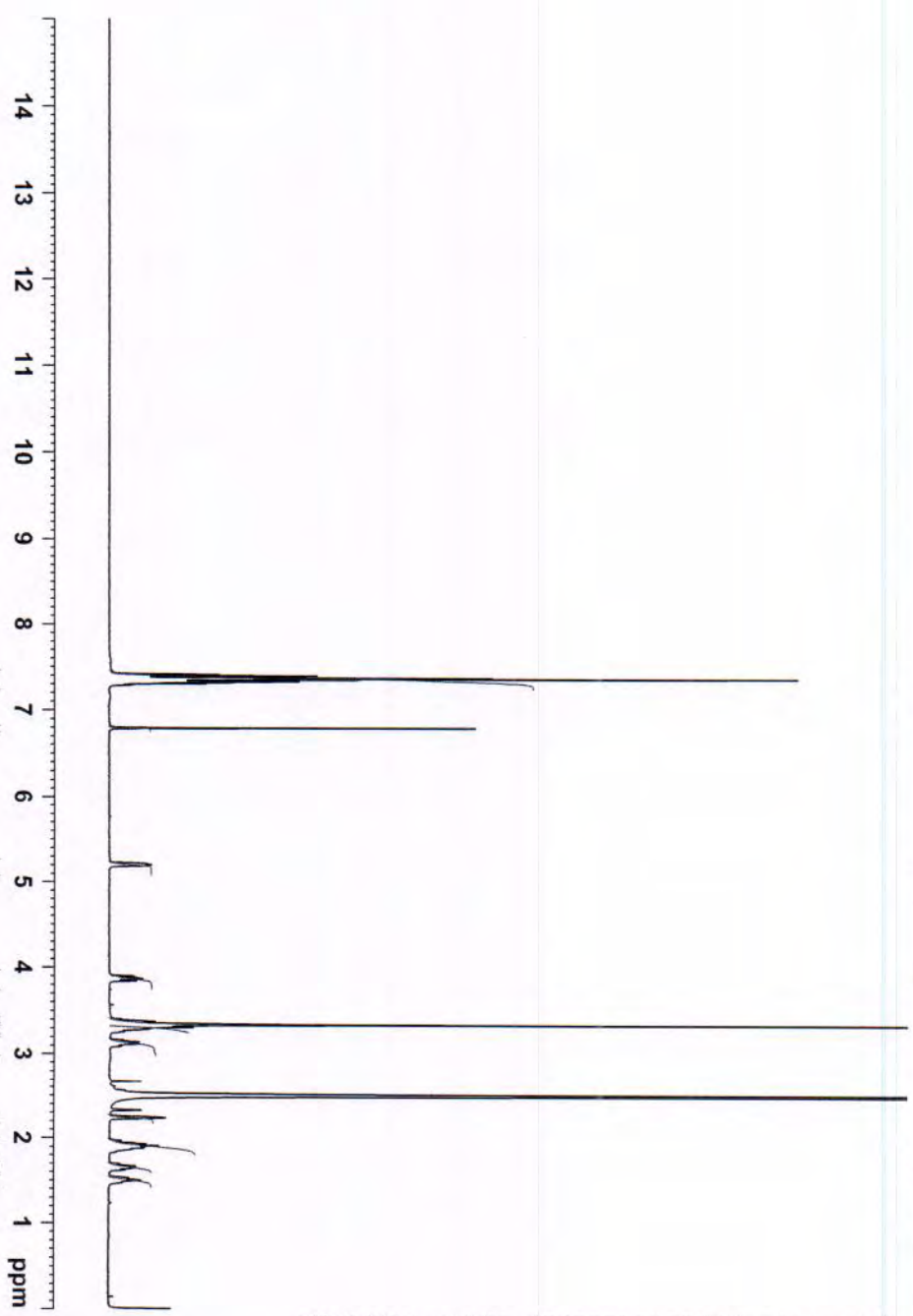
Checked by:

*[Signature]*  
02/08/2017

NMR-8340-AREX117001166



7.414  
7.410  
7.393  
7.390  
7.369  
7.359  
7.348  
7.337  
7.328  
7.324  
7.320  
7.316  
7.311  
7.303  
6.788  
5.211  
5.199  
5.190  
3.879  
3.872  
3.866  
3.859  
3.845  
3.838  
3.376  
3.369  
3.336  
3.321  
3.313  
3.307  
3.288  
3.140  
3.118  
2.504  
2.500  
2.495  
2.236  
1.940  
1.930  
1.918  
1.906  
1.894  
1.888  
1.881  
1.662  
1.646  
1.497



10.01  
0.98  
1.00  
1.02  
0.97  
1.89  
1.12  
1.06  
2.04  
1.02  
1.01

Current Data Parameters  
NAME NMR-8340-AREX117001166  
EXPTNO 1  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20170802  
Time 12.54  
INSTRUM spect  
PROBHD 5 mm DUL 13C-1  
PULPROG zg30  
TD 65536  
SOLVENT DMSO  
NS 32  
DS 2  
SWH 8012.820 Hz  
FIDRES 0.122226 Hz  
AQ 4.086446 sec  
RG 4195.46  
RG 42.406 usec  
DR 4.50 usec  
TE 293.7 K  
DE 1.00000000 sec  
DI 1

----- CHANNEL f1 -----  
SFO1 400.1324710 MHz  
NUC1 1H  
PI 14.75 usec  
PL1 11.00000000 W  
PLW1

F2 - Processing Parameters  
SI 65536  
SF 400.1300071 MHz  
WDW EM  
SSB 0  
LB 0.30 Hz  
GB 0  
PC 1.00

Analysed By :

Date

4. Tovan KVM  
02/08/2017

Instrument Code : ARD-NMR-02

Checked By :

Date

02/08/2017





