

# Альдегиды, алифатические соединения

## Технические характеристики

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Сургут (3462)77-98-35  
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Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
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Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
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Якутск (4112)23-90-97  
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Россия +7(495)268-04-70

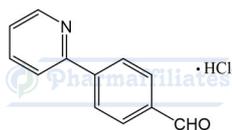
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Киргизия +996(312)96-26-47

эл.почта: [peb@nt-rt.ru](mailto:peb@nt-rt.ru) || сайт: <https://pharmaffiliates.nt-rt.ru/>

## Atazanavir Sulfate

Atazanavir is used in the treatment of HIV. It is an antiretroviral drug of the protease inhibitor (PI) class. Reference standards of Atazanavir Sulfate API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below



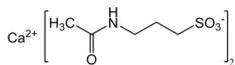
### Atazanavir Sulfate - Impurity B (HCl Salt)

Catalogue No.: **PA 28 0300021** CAS : **2549012-96-4** Molecular Formula : **C<sub>12</sub>H<sub>10</sub>ClNO**

Molecular Weight : **219.67**

## Acamprosate Calcium

Acamprosate Calcium is used along with counseling and support to help people who are alcohol dependent not drink alcohol. Acamprosate, sold under the brand name Campral, is a medication used along with counselling to treat alcohol dependence. Reference standards of Acamprosate Calcium API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.



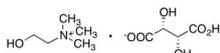
### Acamprosate Calcium - API Standards

Catalogue No.: **PA 28 15000** CAS : **77337-73-6** Molecular Formula : **C<sub>10</sub>H<sub>20</sub>CaN<sub>2</sub>O<sub>8</sub>S<sub>2</sub>**

Molecular Weight : **400.48**

## Acetylcholine Chloride

Acetylcholine Chloride is the neurotransmitter used at the neuromuscular junction. It is an organic chemical that functions in the brain and body of many types of animals (and humans) as a neurotransmitter a chemical message released by nerve cells to send signals to other cells, such as neurons, muscle cells, and gland cells. Reference standards of Acetylcholine Chloride API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.



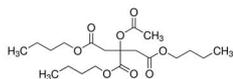
### Acetylcholine Chloride - Impurity A (Bitartrate Salt)

Catalogue No.: **PA 28 17520** CAS : **87-67-2** Molecular Formula : **C<sub>9</sub>H<sub>19</sub>NO<sub>7</sub>**

Molecular Weight : **253.25**

## Acetyltributyl Citrate

Acetyltributylcitrate is a colorless liquid that is soluble in organic solvents. It is found in nail polish and other cosmetics. It is an organic compound that is used as a plasticizer. It is a colorless liquid that is soluble in organic solvents. Reference standards of Acetyltributyl Citrate API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.



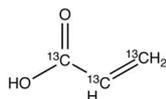
### Acetyltributyl Citrate - API Standards

Catalogue No.: **PA 28 89000** CAS : **77-90-7** Molecular Formula : **C<sub>20</sub>H<sub>34</sub>O<sub>8</sub>**

Molecular Weight : **402.48**

## Acrylic Acid

acrylic acid is in the production of acrylic esters and resins, which are used primarily in coatings and adhesives. It is an organic compound. Reference standards of Acrylic Acid API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.



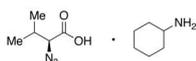
### Acrylic Acid-13C3

Catalogue No.: **PA STI 003860** CAS : **202326-54-3** Molecular Formula : **<sup>13</sup>C<sub>3</sub>H<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **75.04**

## Acyclovir

Acyclovir is an antiviral drug, used in the treatment of Herpes and AIDS. It is an orally active acyclic nucleoside. Reference standards of Acyclovir API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.



### (S)-2-Azido Isovaleric Acid Cyclohexylammonium Salt

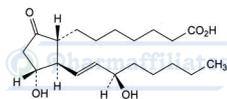
Catalogue No.: **PA 01 20580** CAS : **1217462-63-9** Molecular Formula : **C<sub>5</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>**

Molecular Weight : **143.14**

## Alprostadil

Alprostadil is produced endogenously and causes vasodilation by means of a direct effect on vascular and ductus arteriosus (DA) smooth muscle, preventing or reversing the functional closure of the DA that occurs shortly after birth. It is also used in maintaining a patent ductus arteriosus in newborns. Reference standards of Alprostadil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Alprostadil - Impurity D



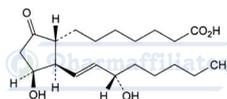
Catalogue No.: **PA 28 39040**

CAS : **20897-91-0**

Molecular Formula : **C<sub>20</sub>H<sub>34</sub>O<sub>5</sub>**

Molecular Weight : **354.48**

### Alprostadil - Impurity E



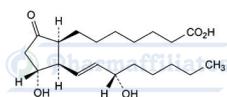
Catalogue No.: **PA 28 39050**

CAS : **24570-01-2**

Molecular Formula : **C<sub>20</sub>H<sub>34</sub>O<sub>5</sub>**

Molecular Weight : **354.48**

### Alprostadil - Impurity F



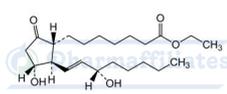
Catalogue No.: **PA 28 39060**

CAS : **21003-46-3**

Molecular Formula : **C<sub>20</sub>H<sub>34</sub>O<sub>5</sub>**

Molecular Weight : **354.48**

### Alprostadil - Impurity I



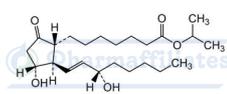
Catalogue No.: **PA 28 39090**

CAS : **35900-16-4**

Molecular Formula : **C<sub>22</sub>H<sub>38</sub>O<sub>5</sub>**

Molecular Weight : **382.53**

### Alprostadil - Impurity J



Catalogue No.: **PA 28 39100**

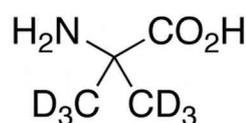
CAS : **217182-28-0**

Molecular Formula : **C<sub>23</sub>H<sub>40</sub>O<sub>5</sub>**

Molecular Weight : **396.56**

## Alanine

Alanine is a small non essential amino acid I humans. It is used in protein construction, metabolism of tryptophan and vitamin pyridoxine. Reference standards of Alanine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### 2-Methylalanine-d6 Hydrochloride

Catalogue No.: **PA STI 060160**

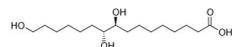
CAS : **NA**

Molecular Formula : **C<sub>4</sub>H<sub>4</sub>D<sub>6</sub>ClNO<sub>2</sub>**

Molecular Weight : **145.62**

## Aleuritic Acid

Aleuritic Acid is used as a starting material in perfume industry. It is obtained from seedlac by saponification and several filtration processes. Reference standards of Aleuritic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Aleuritic acid - API Standards

Catalogue No.: **PA 01 91000**

CAS : **533-87-9**

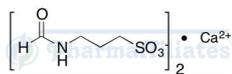
Molecular Formula : **C<sub>16</sub>H<sub>32</sub>O<sub>5</sub>**

Molecular Weight : **304.43**

## Acamprosate

Acamprosate is used along with counseling and support to help people who are alcohol dependent not drink alcohol. It is sold under the brand name Campral. Reference standards of Acamprosate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Acamprosate Calcium - Impurity B (Calcium Salt)



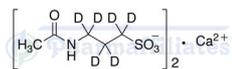
Catalogue No.: **PA 28 15510**

CAS : **NA**

Molecular Formula : **C<sub>8</sub>H<sub>16</sub>CaN<sub>2</sub>O<sub>8</sub>S<sub>2</sub>**

Molecular Weight : **372.43**

### Acamprosate-d12 Calcium



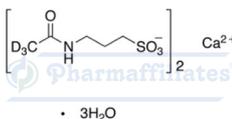
Catalogue No.: **PA STI 001090**

CAS : **1225580-91-5**

Molecular Formula : **C<sub>10</sub>H<sub>8</sub>D<sub>12</sub>CaN<sub>2</sub>O<sub>8</sub>S<sub>2</sub>**

Molecular Weight : **412.56**

### Acamprosate-d6 Calcium Trihydrate



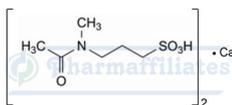
Catalogue No.: **PA STI 001100**

CAS : **NA**

Molecular Formula : **C<sub>10</sub>H<sub>20</sub>D<sub>6</sub>CaN<sub>2</sub>O<sub>11</sub>S<sub>2</sub>**

Molecular Weight : **460.60**

### Acamprosate Calcium - Impurity C (Calcium Salt)



Catalogue No.: **PA 28 15520**

CAS : **233591-26-9**

Molecular Formula : **C<sub>12</sub>H<sub>26</sub>CaN<sub>2</sub>O<sub>8</sub>S<sub>2</sub>**

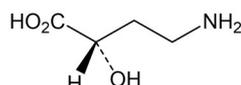
Molecular Weight : **428.18**

**SIMILAR PRODUCTS**

## Amikacin

Amikacin is an antibiotic from the group of aminoglycosides that has a bactericidal effect against gram-negative aerobic germs. Amikacin's unique property is that it exerts activity against more resistant gram-negative bacilli such as Acinetobacter baumannii and Pseudomonas aeruginosa. Reference standards of Amikacin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Amikacin - Impurity I



Catalogue No.: **PA 28 28090**

CAS : **40371-51-5**

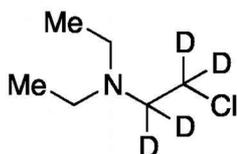
Molecular Formula : **C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>**

Molecular Weight : **119.12**

## Amiodarone

Amiodarone resembles thyroxine (thyroid hormone) and it is categorized as a class III antiarrhythmic agent, and prolongs phase 3 of the cardiac action potential. It is an antiarrhythmic medication used to treat and prevent a number of types of irregular heartbeats. Reference standards of Amiodarone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### 2-Chloro-N,N-diethylethyl-d4-amine



Catalogue No.: **PA STI 020930**

CAS : **1219908-93-6**

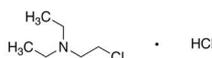
Molecular Formula : **C<sub>6</sub>H<sub>10</sub>D<sub>4</sub>ClN**

Molecular Weight : **139.66**

## Amiodarone Hydrochloride

Amiodarone is an antiarrhythmic drug used in a variety of settings. Common side effects include feeling tired, tremor, nausea, and constipation. Amiodarone was first made in 1961 and came into medical use in 1962 for chest. Reference standards of Amiodarone Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Amiodarone Hydrochloride - Impurity H



Catalogue No.: **PA 01 45080**

CAS : **869-24-9**

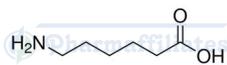
Molecular Formula : **C<sub>6</sub>H<sub>15</sub>Cl<sub>2</sub>N**

Molecular Weight : **172.1**

## Aminocaproic Acid

Aminocaproic acid is FDA-approved for use in the treatment of acute bleeding due to elevated fibrinolytic activity. It is a derivative and analogue of the amino acid lysine, which makes it an effective inhibitor for enzymes that bind that particular residue. Reference standards of Aminocaproic Acid API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### Aminocaproic Acid - API Standards



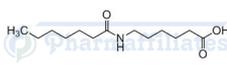
Catalogue No.: **PA 28 61000**

CAS : **60-32-2**

Molecular Formula : **C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>**

Molecular Weight : **131.17**

### Aminocaproic Acid Dimer Impurity



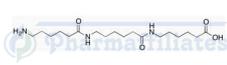
Catalogue No.: **PA 28 61510**

CAS : **69241-99-2**

Molecular Formula : **C<sub>13</sub>H<sub>25</sub>NO<sub>3</sub>**

Molecular Weight : **243.34**

### Aminocaproic Acid Trimer Impurity



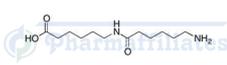
Catalogue No.: **PA 28 61530**

CAS : **5776-78-3**

Molecular Formula : **C<sub>18</sub>H<sub>35</sub>N<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **357.49**

### 6-Aminocaproic Acid Dimer



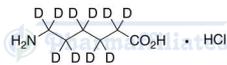
Catalogue No.: **PA 28 61540**

CAS : **2014-58-6**

Molecular Formula : **C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>**

Molecular Weight : **244.33**

### ε-Aminocaproic Acid-d10 Hydrochloride



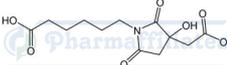
Catalogue No.: **PA STI 005480**

CAS : **1246819-49-7**

Molecular Formula : **C<sub>6</sub>H<sub>4</sub>D<sub>10</sub>ClNO<sub>2</sub>**

Molecular Weight : **177.7**

### Aminocaproic Acid Citric Acid Adduct



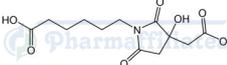
Catalogue No.: **PA 28 0611003**

CAS : **NA**

Molecular Formula : **C<sub>12</sub>H<sub>17</sub>NO<sub>7</sub>**

Molecular Weight : **287.27**

### 6-(3-(Carboxymethyl)-3-hydroxy-2,5-dioxopyrrolidin-1-yl)hexanoic Acid



Catalogue No.: **PA 28 0611005**

CAS : **NA**

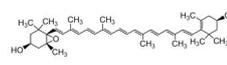
Molecular Formula : **C<sub>12</sub>H<sub>17</sub>NO<sub>7</sub>**

Molecular Weight : **287.27**

## Antheraxanthin

Antheraxanthin is a xanthophyll cycle pigment, an oil-soluble alcohol within the xanthophyll subgroup of carotenoids. Antheraxanthin is both a component in and product of the cellular photoprotection mechanisms in photosynthetic green algae, red algae, euglenoids, and plants. It is a bright yellow accessory pigment found in many organisms that perform photosynthesis. Reference standards of Antheraxanthin API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### Antheraxanthin - API Standards



Catalogue No.: **PA 28 99000**

CAS : **640-03-9**

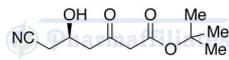
Molecular Formula : **C<sub>40</sub>H<sub>56</sub>O<sub>3</sub>**

Molecular Weight : **584.87**

## Atorvastatin Acid

A lipid lowering agent, Atorvastatin is used in the treatment of cardiovascular diseases. It is a competitive inhibitor of HMG-CoA reductase. It is a pyrrole and heptanoic acid derivative which acts as an ANTICHOLESTEREMIC AGENT that is used to reduce serum levels of LDL-CHOLESTEROL. Reference standards of Atorvastatin Acid API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### (5R)-6-Cyano-5-hydroxy-3-oxo-hexanoic Acid tert-Butyl Ester



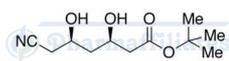
Catalogue No.: **PA 01 83515**

CAS : **125988-01-4**

Molecular Formula : **C<sub>11</sub>H<sub>17</sub>NO<sub>4</sub>**

Molecular Weight : **227.26**

### (3R,5R)-6-Cyano-3,5-dihydroxy-hexanoic Acid tert-Butyl Ester



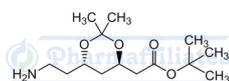
Catalogue No.: **PA 01 83575**

CAS : **125971-93-9**

Molecular Formula : **C<sub>11</sub>H<sub>19</sub>NO<sub>4</sub>**

Molecular Weight : **229.27**

### tert-Butyl 2-((4R,6S)-6-(2-aminoethyl)-2,2-dimethyl-1,3-dioxan-4-yl)acetate



Catalogue No.: **PA 01 83970**

CAS : **2088732-01-6**

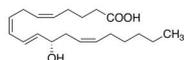
Molecular Formula : **C<sub>14</sub>H<sub>27</sub>NO<sub>4</sub>**

Molecular Weight : **273.37**

## Arachidonic Acid

Arachidonic acid is important to human body. It as a starting material in the synthesis of two kinds of essential substances, the prostaglandins and the leukotrienes, both of which are also unsaturated carboxylic acids. Reference standards of Arachidonic Acid API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### 12(S)-Hydroxy (5Z,8Z,10E,14Z)-Eicosatetraenoic Acid



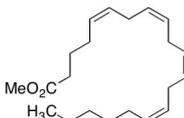
Catalogue No.: **PA 01 66510**

CAS : **54397-83-0**

Molecular Formula : **C<sub>20</sub>H<sub>32</sub>O<sub>3</sub>**

Molecular Weight : **320.47**

### Arachidonic Acid Methyl Ester



Catalogue No.: **PA 01 66540**

CAS : **2566-89-4**

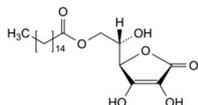
Molecular Formula : **C<sub>21</sub>H<sub>34</sub>O<sub>2</sub>**

Molecular Weight : **318.49**

## Ascorbic Acid

It is one of the form of Vitamin C. Ascorbic acid is a naturally occurring organic compound with antioxidant properties. Ascorbic acid is classed as a reductone. It is taken as a nutrient by humans. Reference standards of Ascorbic Acid API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### Ascorbyl Palmitate



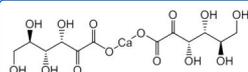
Catalogue No.: **PA 01 77510**

CAS : **137-66-6**

Molecular Formula : **C<sub>22</sub>H<sub>38</sub>O<sub>7</sub>**

Molecular Weight : **414.53**

### Calcium (3S,4R,5R)-3,4,5,6-tetrahydroxy-2-oxohexanoate



Catalogue No.: **PA 01 77570**

CAS : **3470-37-9**

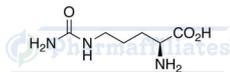
Molecular Formula : **C<sub>12</sub>H<sub>18</sub>CaO<sub>14</sub>**

Molecular Weight : **426.34**

# Arginine

It is a semiessential amino acid used in biosynthesis of proteins. Amino acid side-chain of arginine consists of a 3-carbon aliphatic straight chain, the distal end of which is capped by a complex guanidinium group. It plays important role in cell division, the healing of wounds, removing ammonia from the body, immune function, and the release of hormones. Reference standards of Arginine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

## Arginine - Impurity B



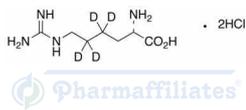
Catalogue No.: **PA 01 69020**

CAS : **372-75-8**

Molecular Formula : **C<sub>6</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>**

Molecular Weight : **175.19**

## L-Homoarginine-d4 Dihydrochloride



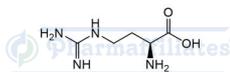
Catalogue No.: **PA STI 046810**

CAS : **1332075-41-8**

Molecular Formula : **C<sub>7</sub>H<sub>14</sub>D<sub>4</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **265.17**

## L-Norarginine



Catalogue No.: **PA 01 69620**

CAS : **14191-90-3**

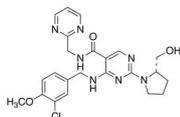
Molecular Formula : **C<sub>5</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **160.17**

# Avanafil

Chemically, it is a derivative of pyrimidine and is only available as the S-enantiomer. Avanafil is a new phosphodiesterase-5 inhibitor that is faster acting and more selective than other drugs belonging to the same class. Reference standards of Avanafil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Avanafil - API Standards



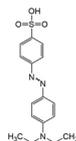
Catalogue No.: **PA 28 44000**

CAS : **330784-47-9**

Molecular Formula : **C<sub>23</sub>H<sub>26</sub>ClN<sub>7</sub>O<sub>3</sub>**

Molecular Weight : **483.95**

## 4-(Diethylamino)-4'-sulfoazobenzene



Catalogue No.: **PA 28 0441018**

CAS : **6287-12-3**

Molecular Formula : **C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>S**

Molecular Weight : **333.41**

# Azelaic Acid

Azelaic acid is found in wheat, rye and barley and used as a precursor of many industrial products like plastic and polymers. Reference standards of Azelaic acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Azelaic Acid - API Standards



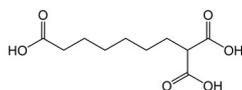
Catalogue No.: **PA 01 87000**

CAS : **123-99-9**

Molecular Formula : **C<sub>9</sub>H<sub>16</sub>O<sub>4</sub>**

Molecular Weight : **188.22**

## Heptane-1,1,7-Tricarboxylic Acid



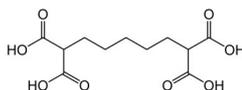
Catalogue No.: **PA 01 0871000**

CAS : **855957-40-3**

Molecular Formula : **C<sub>10</sub>H<sub>16</sub>O<sub>6</sub>**

Molecular Weight : **232.23**

## Heptane-1,1,7,7-tetracarboxylic Acid



Catalogue No.: **PA 01 0871002**

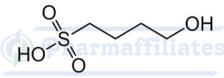
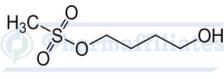
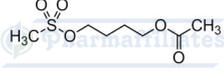
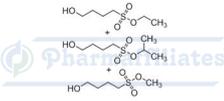
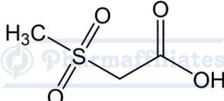
CAS : **855898-43-0**

Molecular Formula : **C<sub>11</sub>H<sub>16</sub>O<sub>8</sub>**

Molecular Weight : **276.24**

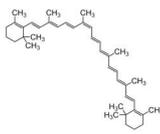
## Busulfan

Busulfan is a cancer drug, in use since 1959. It is a cell cycle non-specific alkylating antineoplastic agent, in the class of alkyl sulfonates.. Reference standards of Busulfan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	<b>4-Hydroxybutane-1-sulfonic Acid</b>	Catalogue No.: <b>PA 02 82510</b>	CAS : <b>26978-64-3</b>	Molecular Formula : <b>C<sub>4</sub>H<sub>10</sub>O<sub>4</sub>S</b>	Molecular Weight : <b>154.18</b>
	<b>4-Hydroxybutyl Methanesulfonate</b>	Catalogue No.: <b>PA 02 82520</b>	CAS : <b>42729-95-3</b>	Molecular Formula : <b>C<sub>5</sub>H<sub>12</sub>O<sub>4</sub>S</b>	Molecular Weight : <b>168.21</b>
	<b>4-((Methylsulfonyl)oxy)butyl Acetate</b>	Catalogue No.: <b>PA 02 82530</b>	CAS : <b>19859-00-8</b>	Molecular Formula : <b>C<sub>7</sub>H<sub>14</sub>O<sub>5</sub>S</b>	Molecular Weight : <b>210.25</b>
	<b>Ethyl 4-hydroxybutane-1-sulfonate compound with isopropyl 4-hydroxybutane-1-sulfonate and methyl 4-hydroxybutane-1-sulfonate (1:1:1)</b>	Catalogue No.: <b>PA 02 82600</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>6</sub>H<sub>14</sub>O<sub>4</sub>S + C<sub>7</sub>H<sub>16</sub>O<sub>4</sub>S + C<sub>5</sub>H<sub>12</sub>O<sub>4</sub>S</b>	Molecular Weight : <b>182.23</b>
	<b>Diethyl 4,4'-oxybis(butane-1-sulfonate) compound with diisopropyl 4,4'-oxybis(butane-1-sulfonate) and dimethyl 4,4'-oxybis(butane-1-sulfonate) (1:1:1)</b>	Catalogue No.: <b>PA 02 82610</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>10</sub>H<sub>22</sub>O<sub>7</sub>S<sub>2</sub> + C<sub>12</sub>H<sub>26</sub>O<sub>7</sub>S<sub>2</sub> + C<sub>14</sub>H<sub>30</sub>O<sub>7</sub>S<sub>2</sub></b>	Molecular Weight : <b>318.4</b>
	<b>(Methylsulfonyl)acetic Acid</b>	Catalogue No.: <b>PA 02 0821001</b>	CAS : <b>2516-97-4</b>	Molecular Formula : <b>C<sub>3</sub>H<sub>6</sub>O<sub>4</sub>S</b>	Molecular Weight : <b>138.14</b>

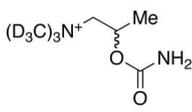
## Betacarotene

Betacarotene is the most common form of carotene in plants. It is an organic, strongly colored red-orange pigment abundant in plants and fruits. It is a member of the carotenes, which are terpenoids synthesized biochemically from eight isoprene units and thus having 40 carbons. Reference standards of Betacarotene API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	<b>Betacarotene - Impurity E</b>	Catalogue No.: <b>PA 29 09050</b>	CAS : <b>6811-73-0</b>	Molecular Formula : <b>C<sub>40</sub>H<sub>56</sub></b>	Molecular Weight : <b>536.87</b>
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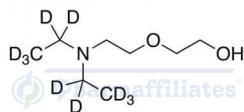
## Bethanechol

Bethanechol is used to treat urinary retention, which may occur after surgery, after delivering a baby, and in other situations. It is a parasympathomimetic choline carbamate. Reference standards of Bethanechol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Bethanechol-d9</b>	Catalogue No.: <b>PA STI 012660</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>7</sub>H<sub>8</sub>D<sub>9</sub>ClN<sub>2</sub>O<sub>2</sub></b>	Molecular Weight : <b>205.73</b>
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## Butamirate

Butamirate is used for the treatment of dry cough. Dry cough is a typical symptom in the common cold. It is chemically related to oxeladin and pentoxyverine, which are in the same class. Reference standards of Butamirate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### 2-[(2-Diethyl-d10)aminoethoxy]ethanol

Catalogue No.: **PA STI 088251**

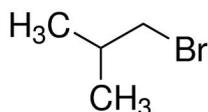
CAS : **1189917-69-8**

Molecular Formula : **C<sub>8</sub>H<sub>9</sub>D<sub>10</sub>NO<sub>2</sub>**

Molecular Weight : **171.30**

## Bortezomib

Bortezomib was approved for medical use in the United States in 2003 and in Europe in 2004. Bortezomib, sold under the brand name Velcade among others, is an anti-cancer medication used to treat multiple myeloma and mantle cell lymphoma. Reference standards of Bortezomib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### 1-Bromo-2-methylpropane

Catalogue No.: **PA 02 79510**

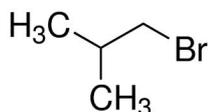
CAS : **78-77-3**

Molecular Formula : **C<sub>4</sub>H<sub>9</sub>Br**

Molecular Weight : **137.02**

## Bortezomib

Bortezomib was approved for medical use in the United States in 2003 and in Europe in 2004. Bortezomib, sold under the brand name Velcade among others, is an anti-cancer medication used to treat multiple myeloma and mantle cell lymphoma. Reference standards of Bortezomib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### 1-Bromo-2-methylpropane

Catalogue No.: **PA 02 79510**

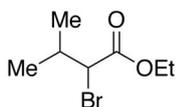
CAS : **78-77-3**

Molecular Formula : **C<sub>4</sub>H<sub>9</sub>Br**

Molecular Weight : **137.02**

## Bromisoval

Bromisoval can be prepared by bromination of isovaleric acid by the Hell-Volhard-Zelinsky reaction followed by reaction with urea. It commonly known as bromovalerylurea, is a hypnotic and sedative of the bromoureide group. Reference standards of Bromisoval API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Ethyl 2-Bromoisovalerate

Catalogue No.: **PA 02 50510**

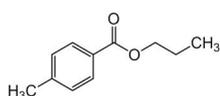
CAS : **609-12-1**

Molecular Formula : **C<sub>7</sub>H<sub>13</sub>BrO<sub>2</sub>**

Molecular Weight : **209.08**

## Cladribine

Cladribine is used for as a first and second-line treatment for symptomatic hairy cell leukemia and for B-cell chronic lymphocytic leukemia and is administered by intravenous or subcutaneous infusion. It is sold under the brand name Leustatin and Mavenclad. Reference standards of Cladribine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Propyl 4-methylbenzoate

Catalogue No.: **PA 30 45510**

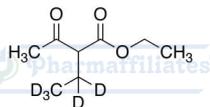
CAS : **9015-73-0**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>**

Molecular Weight : **178.23**

## Butanoic Acid

Butanoic Acid is an oily, colorless liquid that is soluble in water, ethanol, and ether. Butyric acid also known under the systematic name butanoic acid. Reference standards of Butanoic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

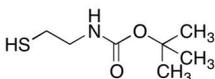


### 2-Acetylbutanoic-d5 Acid Ethyl Ester

Catalogue No.: **PA STI 002360** CAS : **141327-44-8** Molecular Formula : **C<sub>8</sub>H<sub>9</sub>D<sub>5</sub>O<sub>3</sub>** Molecular Weight : **163.23**

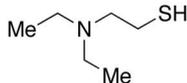
## Cysteamine Hydrochloride

Cysteamine Hydrochloride is used to treat cystinosis. It is available by mouth (capsule and extended release capsule) and in eye drops. It is a chemical compound.. Reference standards of Cysteamine Hydrochloride API,



### 2-(Boc-amino)ethanethiol

Catalogue No.: **PA 30 64510** CAS : **67385-09-5** Molecular Formula : **C<sub>7</sub>H<sub>15</sub>NO<sub>2</sub>S** Molecular Weight : **177.26**



### 2-(Diethylamino)ethanethiol

Catalogue No.: **PA 30 64520** CAS : **100-38-9** Molecular Formula : **C<sub>6</sub>H<sub>15</sub>NS** Molecular Weight : **133.25**

## Cholesterol

Cholesterol is biosynthesized by all animal cells and is an essential structural component of animal cell membranes. It is an organic molecule. It is a sterol, a type of lipid.. Reference standards of Cholesterol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

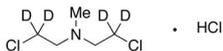


### Squalene-d6

Catalogue No.: **PA STI 079780** CAS : **NA** Molecular Formula : **C<sub>30</sub>H<sub>44</sub>D<sub>6</sub>** Molecular Weight : **416.75**

## Chlormethine

Chlormethine is used to treat various types of cancer. Chlormethine also known as mechlorethamine. It is sold under the brand name Mustargen. Reference standards of Chlormethine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

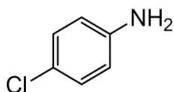


### Bis(2-chloroethyl)methylamine-d4 Hydrochloride

Catalogue No.: **PA STI 013150** CAS : **1329812-14-7** Molecular Formula : **C<sub>5</sub>H<sub>8</sub>D<sub>4</sub>Cl<sub>3</sub>N** Molecular Weight : **196.54**

## Chlorhexidine Diacetate

Chlorhexidine Diacetate, also known as chlorhexidine gluconate is a disinfectant and antiseptic that is used for skin disinfection before surgery and to sterilize surgical instruments.. Reference standards of Chlorhexidine Diacetate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



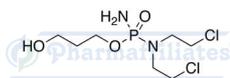
### Chlorhexidine Diacetate - Impurity P

Catalogue No.: **PA 03 41160** CAS : **106-47-8** Molecular Formula : **C<sub>6</sub>H<sub>6</sub>ClN** Molecular Weight : **127.57**

# Cyclophosphamide

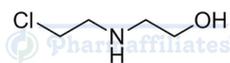
Cyclophosphamide is used to treat cancers and autoimmune diseases. It is used to quickly control the disease.. Reference standards of Cyclophosphamide API, and its pharmacoceial, non pharmacoceial impurities, and stable isotopes are listed below

## Alcophosphamide



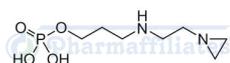
Catalogue No.: **PA 03 83520** CAS : **52336-54-6** Molecular Formula : **C<sub>7</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>P** Molecular Weight : **279.1**

## 2-((2-Chloroethyl)amino)ethanol



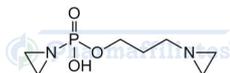
Catalogue No.: **PA 03 83530** CAS : **3890-98-0** Molecular Formula : **C<sub>4</sub>H<sub>10</sub>ClNO** Molecular Weight : **123.58**

## 3-((2-(Aziridin-1-yl)ethyl)amino)propyl dihydrogen phosphate



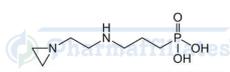
Catalogue No.: **PA 03 83540** CAS : **2514682-44-9** Molecular Formula : **C<sub>7</sub>H<sub>17</sub>N<sub>2</sub>O<sub>4</sub>P** Molecular Weight : **224.19**

## 3-(Aziridin-1-yl)propyl Hydrogen Aziridin-1-ylphosphonate



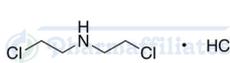
Catalogue No.: **PA 03 83550** CAS : **2514951-24-5** Molecular Formula : **C<sub>7</sub>H<sub>15</sub>N<sub>2</sub>O<sub>3</sub>P** Molecular Weight : **206.18**

## (3-((2-(Aziridin-1-yl)ethyl)amino)propyl)phosphonic Acid



Catalogue No.: **PA 03 83560** CAS : **NA** Molecular Formula : **C<sub>7</sub>H<sub>17</sub>N<sub>2</sub>O<sub>3</sub>P** Molecular Weight : **208.2**

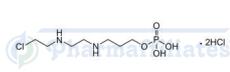
## Bis(2-chloroethyl)amine Hydrochloride



Catalogue No.: **PA 03 83590** CAS : **821-48-7** Molecular Formula : **C<sub>4</sub>H<sub>10</sub>Cl<sub>2</sub>N** Molecular Weight : **178.49**

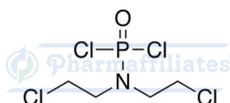
**SIMILAR PRODUCTS**

## 3-[2-(2-Chloroethylamino)ethylamino]propyl dihydrogen Phosphate Dihydrochloride



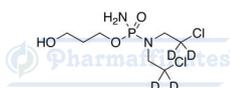
Catalogue No.: **PA 03 83620** CAS : **158401-51-5** Molecular Formula : **C<sub>7</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>P** Molecular Weight : **333.58**

## Bis(2-chloroethyl)aminophosphoric Dichloride



Catalogue No.: **PA 03 83650** CAS : **127-88-8** Molecular Formula : **C<sub>4</sub>H<sub>8</sub>Cl<sub>4</sub>NOP** Molecular Weight : **258.9**

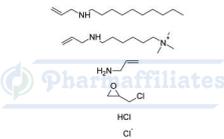
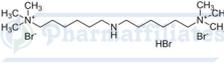
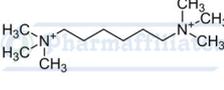
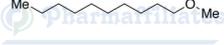
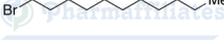
## Alcophosphamide-d4

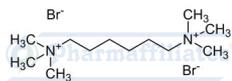


Catalogue No.: **PA STI 004550** CAS : **1794817-39-2** Molecular Formula : **C<sub>7</sub>H<sub>13</sub>D<sub>4</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>P** Molecular Weight : **283.13**

# Colesevelam Hydrochloride

Colesevelam Hydrochloride is indicated as an adjunct to diet and exercise to reduce elevated low-density lipoprotein cholesterol in patients with primary hyperlipidemia as monotherapy and to improve glycemic control in adults with type 2 diabetes mellitus, including in combination with a statin. Reference standards of Colesevelam Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	<b>Colesevelam Hydrochloride - API Standards</b>	Catalogue No.: <b>PA 30 53000</b>	CAS : <b>182815-44-7</b>	Molecular Formula : <b>C<sub>31</sub>H<sub>67</sub>Cl<sub>3</sub>N<sub>4</sub>O</b>	Molecular Weight : <b>618.25</b>
	<b>Colesevelam Aminoquat Impurity Hydrobromide</b>	Catalogue No.: <b>PA 30 53510</b>	CAS : <b>33968-67-1</b>	Molecular Formula : <b>C<sub>9</sub>H<sub>24</sub>Br<sub>2</sub>N<sub>2</sub></b>	Molecular Weight : <b>320.11</b>
	<b>Aminodihexylquat</b>	Catalogue No.: <b>PA 30 53520</b>	CAS : <b>2170771-70-5</b>	Molecular Formula : <b>C<sub>18</sub>H<sub>44</sub>Br<sub>3</sub>N<sub>3</sub></b>	Molecular Weight : <b>542.27</b>
	<b>Trimethyl-[6-(trimethylazaniumyl)hexyl]azanium Dichloride</b>	Catalogue No.: <b>PA 30 53550</b>	CAS : <b>60-25-3</b>	Molecular Formula : <b>C<sub>12</sub>H<sub>30</sub>Cl<sub>2</sub>N<sub>2</sub></b>	Molecular Weight : <b>273.29</b>
	<b>6-Chlorohexyl Trimethyl Ammonium Bromide</b>	Catalogue No.: <b>PA 30 53560</b>	CAS : <b>93199-84-9</b>	Molecular Formula : <b>C<sub>9</sub>H<sub>21</sub>BrClN</b>	Molecular Weight : <b>258.63</b>
	<b>SIMILAR PRODUCTS</b> 				
	<b>Hexamethonium</b>	Catalogue No.: <b>PA 30 53570</b>	CAS : <b>60-26-4</b>	Molecular Formula : <b>C<sub>12</sub>H<sub>30</sub>N<sub>2</sub></b>	Molecular Weight : <b>202.38</b>
	<b>Decyl Methyl Ether</b>	Catalogue No.: <b>PA 30 53580</b>	CAS : <b>7289-52-3</b>	Molecular Formula : <b>C<sub>11</sub>H<sub>24</sub>O</b>	Molecular Weight : <b>172.31</b>
	<b>1-Bromoundecane</b>	Catalogue No.: <b>PA 30 53590</b>	CAS : <b>693-67-4</b>	Molecular Formula : <b>C<sub>11</sub>H<sub>23</sub>Br</b>	Molecular Weight : <b>235.2</b>
	<b>1-Bromononane</b>	Catalogue No.: <b>PA 30 53600</b>	CAS : <b>693-58-3</b>	Molecular Formula : <b>C<sub>9</sub>H<sub>19</sub>Br</b>	Molecular Weight : <b>207.15</b>
	<b>1,6-Dibromohexane</b>	Catalogue No.: <b>PA 30 53610</b>	CAS : <b>629-03-8</b>	Molecular Formula : <b>C<sub>6</sub>H<sub>12</sub>Br<sub>2</sub></b>	Molecular Weight : <b>243.97</b>



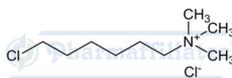
### Hexamethonium Bromide

Catalogue No.: **PA 30 53620**

CAS : **55-97-0**

Molecular Formula : **C<sub>12</sub>H<sub>30</sub>Br<sub>2</sub>N<sub>2</sub>**

Molecular Weight : **362.19**



### 6-Chloro-N-hexyltrimethylammonium Chloride

Catalogue No.: **PA 30 53630**

CAS : **NA**

Molecular Formula : **C<sub>9</sub>H<sub>21</sub>Cl<sub>2</sub>N**

Molecular Weight : **214.18**

**SIMILAR PRODUCTS** ▾



### Colesevelam Bromoquat Impurity

Catalogue No.: **PA 30 53640**

CAS : **32765-81-4**

Molecular Formula : **C<sub>9</sub>H<sub>21</sub>Br<sub>2</sub>N**

Molecular Weight : **303.08**



### Colesevelam Methoxyquat Impurity

Catalogue No.: **PA 30 0531006**

CAS : **863031-14-5**

Molecular Formula : **C<sub>10</sub>H<sub>24</sub>INO**

Molecular Weight : **301.21**



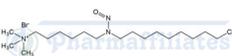
### Colesevelam Hydroxyquat Impurity

Catalogue No.: **PA 30 0531007**

CAS : **676578-21-5**

Molecular Formula : **C<sub>9</sub>H<sub>22</sub>ClNO**

Molecular Weight : **195.73**



### N-Nitroso Decyl Aminoquat

Catalogue No.: **PA 30 0531008**

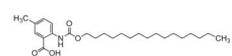
CAS : **NA**

Molecular Formula : **C<sub>19</sub>H<sub>42</sub>BrN<sub>3</sub>O**

Molecular Weight : **408.47**

## Cetilistat

Cetilistat has completed Phase 1 and 2 trials in the West and is currently in Phase 3 trials in Japan where it is partnered with Takeda. It is a drug designed to treat obesity. It acts in the same way as the older drug orlistat (Xenical) by inhibiting pancreatic lipase, an enzyme that breaks down triglycerides in the intestine. Reference standards of Cetilistat API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### 2-(((Hexadecyloxy)carbonyl)amino)-5-methylbenzoic Acid

Catalogue No.: **PA 56 25510**

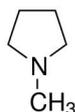
CAS : **890655-08-0**

Molecular Formula : **C<sub>25</sub>H<sub>41</sub>NO<sub>4</sub>**

Molecular Weight : **419.6**

## Cefepime Dihydrochloride Monohydrate

Cefepime Dihydrochloride Monohydrate is a fourth-generation cephalosporin antibiotic. It is usually reserved to treat moderate to severe nosocomial. Reference standards of Cefepime Dihydrochloride Monohydrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### Cefepime - Impurity G

Catalogue No.: **PA 03 22070**

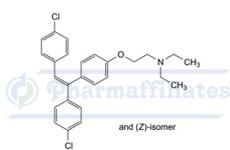
CAS : **120-94-5**

Molecular Formula : **C<sub>5</sub>H<sub>11</sub>N**

Molecular Weight : **85.15**

## Clomifene Citrate

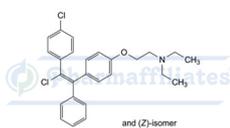
Clomifene Citrate is also known as clomiphene, is a medication used to treat infertility in women who do not ovulate.. Reference standards of Clomifene Citrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### Clomifene Citrate - Impurity E

Catalogue No.: **PA 03 63050** CAS : **117884-82-9** Molecular Formula : **C<sub>26</sub>H<sub>27</sub>Cl<sub>2</sub>NO** Molecular Weight : **440.4**

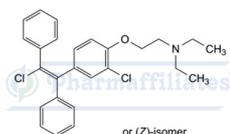
[SIMILAR PRODUCTS](#) ▼



### Clomifene Citrate - Impurity F

Catalogue No.: **PA 03 63060** CAS : **47648-28-2** Molecular Formula : **C<sub>26</sub>H<sub>27</sub>Cl<sub>2</sub>NO** Molecular Weight : **440.4**

[SIMILAR PRODUCTS](#) ▼

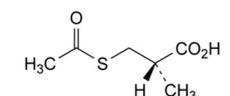


### Clomifene Citrate - Impurity G & H

Catalogue No.: **PA 03 63070** CAS : **1795130-17-4** Molecular Formula : **C<sub>26</sub>H<sub>27</sub>Cl<sub>2</sub>NO** Molecular Weight : **440.4**

## Captopril

Captopril main uses are based on its vasodilation and inhibition of some renal function activities. It is a potent, competitive inhibitor of angiotensin-converting enzyme, the enzyme responsible for the conversion of angiotensin I to angiotensin II. Reference standards of Captopril API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

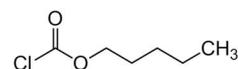


### Captopril - Impurity K

Catalogue No.: **PA 03 09530** CAS : **76497-39-7** Molecular Formula : **C<sub>6</sub>H<sub>10</sub>O<sub>3</sub>S** Molecular Weight : **162.21**

## Capecitabine

Capecitabine is an orally-administered chemotherapeutic agent. It is used to treat breast, colon, or rectal cancer. It works by slowing or stopping the growth of cancer cells. Reference standards of Capecitabine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

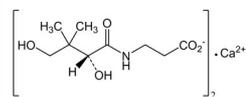


### n-Pentyl Chloroformate

Catalogue No.: **PA 30 09510** CAS : **638-41-5** Molecular Formula : **C<sub>6</sub>H<sub>11</sub>ClO<sub>2</sub>** Molecular Weight : **150.6**

## Calcium Pantothenate

Calcium Pantothenate is also called vitamin B5 is a water-soluble vitamin. Animals require Calcium Pantothenate in order to synthesize coenzyme-A as well as to synthesize and metabolize proteins, carbohydrates, and fats. Reference standards of Calcium Pantothenate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

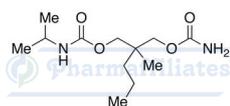


### Calcium Pantothenate - API Standards

Catalogue No.: **PA 30 43000** CAS : **137-08-6** Molecular Formula : **C<sub>18</sub>H<sub>32</sub>CaN<sub>2</sub>O<sub>10</sub>** Molecular Weight : **476.53**

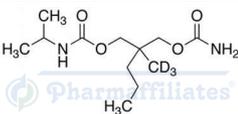
# Carisoprodol

Carisoprodol is meant to be used along with rest, physical therapy and other measure to relax muscles after strains, sprains and muscle injuries. Reference standards of Carisoprodol API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below



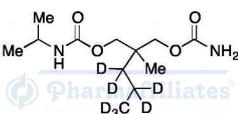
## Carisoprodol - API Standards

Catalogue No.: **PA 30 57000** CAS : **78-44-4** Molecular Formula : **C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>** Molecular Weight : **260.33**



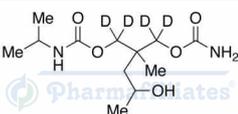
## Carisoprodol-d3

Catalogue No.: **PA STI 018040** CAS : **1215602-82-6** Molecular Formula : **C<sub>12</sub>H<sub>21</sub>D<sub>3</sub>N<sub>2</sub>O<sub>4</sub>** Molecular Weight : **263.35**



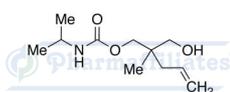
## Carisoprodol-d7

Catalogue No.: **PA STI 018050** CAS : **1218911-70-6** Molecular Formula : **C<sub>12</sub>H<sub>17</sub>D<sub>7</sub>N<sub>2</sub>O<sub>4</sub>** Molecular Weight : **267.37**



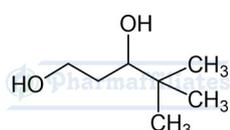
## Hydroxy Carisoprodol-d4

Catalogue No.: **PA STI 047410** CAS : **1794759-19-5** Molecular Formula : **C<sub>12</sub>H<sub>20</sub>D<sub>4</sub>N<sub>2</sub>O<sub>5</sub>** Molecular Weight : **280.35**



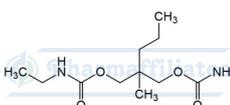
## 2-Allyl-2-methyl-1,3-propanediol Isopropylcarbamate

Catalogue No.: **PA 30 57530** CAS : **1797946-61-2** Molecular Formula : **C<sub>11</sub>H<sub>21</sub>NO<sub>3</sub>** Molecular Weight : **215.29**



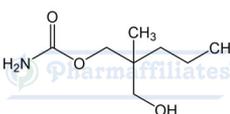
## 4,4-Dimethyl-1,3-pentanediol

Catalogue No.: **PA 30 0571005** CAS : **30458-16-3** Molecular Formula : **C<sub>7</sub>H<sub>16</sub>O<sub>2</sub>** Molecular Weight : **132.2**



## 2-((Carbamoyloxy)methyl)-2-methylpentyl ethylcarbamate

Catalogue No.: **PA 30 0571007** CAS : **25384-75-2** Molecular Formula : **C<sub>11</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>** Molecular Weight : **246.31**



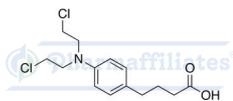
## 3-Hydroxy-2-methyl-2-propylpropyl carbamate

Catalogue No.: **PA 30 0571008** CAS : **1471-56-3** Molecular Formula : **C<sub>8</sub>H<sub>17</sub>NO<sub>3</sub>** Molecular Weight : **175.23**

# Chlorambucil

Chlorambucil's current use is mainly in chronic lymphocytic leukemia, as it is well tolerated by most patients, though chlorambucil has been largely replaced by fludarabine as first-line treatment in younger patients.. Reference standards of Chlorambucil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

## Chlorambucil - API Standards



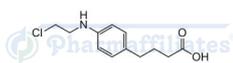
Catalogue No.: **PA 03 38000**

CAS : **305-03-3**

Molecular Formula : **C<sub>14</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>2</sub>**

Molecular Weight : **304.21**

## Chlorambucil - Impurity B



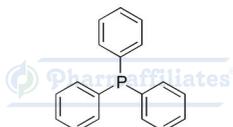
Catalogue No.: **PA 03 38020**

CAS : **116505-53-4**

Molecular Formula : **C<sub>12</sub>H<sub>16</sub>ClNO<sub>2</sub>**

Molecular Weight : **241.71**

## Triphenylphosphine



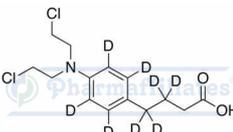
Catalogue No.: **PA 03 38520**

CAS : **603-35-0**

Molecular Formula : **C<sub>18</sub>H<sub>15</sub>P**

Molecular Weight : **262.29**

## Chlorambucil-d8



Catalogue No.: **PA STI 018920**

CAS : **2733532-57-3**

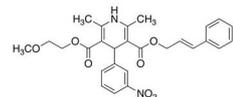
Molecular Formula : **C<sub>14</sub>H<sub>11</sub>D<sub>8</sub>Cl<sub>2</sub>NO<sub>2</sub>**

Molecular Weight : **312.26**

# Cilnidipine

Cilnidipine is a calcium channel blocker. Cilnidipine is approved for use in Japan, China, India, Korea, and some European countries to treat hypertension.. Reference standards of Cilnidipine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

## Cilnidipine - API Standards



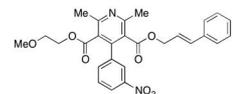
Catalogue No.: **PA 30 59000**

CAS : **132203-70-4**

Molecular Formula : **C<sub>27</sub>H<sub>28</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **492.52**

## (E)-Dehydro Cilnidipine



Catalogue No.: **PA 30 59510**

CAS : **146845-34-3**

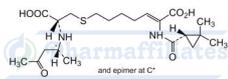
Molecular Formula : **C<sub>27</sub>H<sub>26</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **490.5**

## Cilastatin Sodium

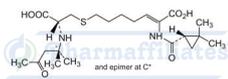
Cilastatin Sodium is an enzyme found in the kidney and is responsible for degrading the antibiotic imipenem. It inhibits the human enzyme dehydropeptidase. Reference standards of Cilastatin Sodium API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### Cilastatin Sodium - Impurity B



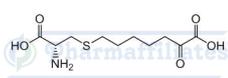
Catalogue No.: **PA 30 20020** CAS : **NA** Molecular Formula : **C<sub>21</sub>H<sub>34</sub>N<sub>2</sub>O<sub>6</sub>S** Molecular Weight : **442.57**

### Cilastatin Sodium - Impurity C



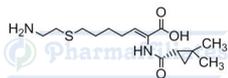
Catalogue No.: **PA 30 20030** CAS : **NA** Molecular Formula : **C<sub>22</sub>H<sub>36</sub>N<sub>2</sub>O<sub>6</sub>S** Molecular Weight : **456.60**

### Cilastatin Sodium - Impurity E



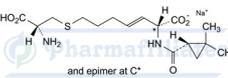
Catalogue No.: **PA 30 20050** CAS : **1174657-07-8** Molecular Formula : **C<sub>10</sub>H<sub>17</sub>NO<sub>5</sub>S** Molecular Weight : **263.31**

### Cilastatin Sodium - Impurity H



Catalogue No.: **PA 30 20080** CAS : **NA** Molecular Formula : **C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>S** Molecular Weight : **314.44**

### Cilastatin Sodium - Impurity G (Sodium Salt)

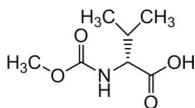


Catalogue No.: **PA 30 0200071** CAS : **1955474-19-7** Molecular Formula : **C<sub>16</sub>H<sub>25</sub>N<sub>2</sub>NaO<sub>5</sub>S** Molecular Weight : **380.43**

## Daclatasvir

Daclatasvir is used only in combination therapy for the treatment of hepatitis C genotype 1, 3, or 4 infections. Reference standards of Daclatasvir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### (2R)-2-(Methoxycarbonylamino)-3-methylbutanoic Acid

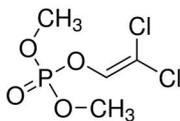


Catalogue No.: **PA 04 94510** CAS : **171567-86-5** Molecular Formula : **C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub>** Molecular Weight : **175.18**

## Dichlorvos

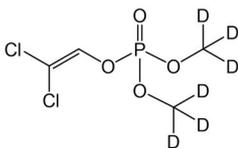
Dichlorvos is found in urban waterways and its toxicity may impact humans, leading to poisoning, neurotoxicity, and cancer. The main uses of dichlorvos are for insect control in food storage areas, greenhouses, and barns, and for parasite control in livestock. Reference standards of Dichlorvos API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### Dichlorvos - API Standards



Catalogue No.: **PA 31 12000** CAS : **62-73-7** Molecular Formula : **C<sub>4</sub>H<sub>7</sub>Cl<sub>2</sub>O<sub>4</sub>P** Molecular Weight : **220.98**

### Dichlorvos-d6

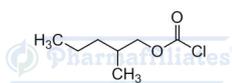


Catalogue No.: **PA STI 030600** CAS : **203645-53-8** Molecular Formula : **C<sub>4</sub>HD<sub>6</sub>Cl<sub>2</sub>O<sub>4</sub>P** Molecular Weight : **227.01**

## Dabigatran

Dabigatran, sold under the brand name Pradaxa. It is used to prevent strokes in those with atrial fibrillation not caused by heart valve issues, as well as deep vein thrombosis and pulmonary embolism in persons who have been treated for 5–10 days with parenteral anticoagulant and to prevent deep vein thrombosis and pulmonary embolism in some circumstances.. Reference standards of Dabigatran API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below

### 2-Methylpentyl Chloroformate



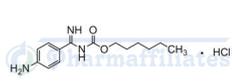
Catalogue No.: **PA 04 01890**

CAS : **265659-61-8**

Molecular Formula : **C<sub>7</sub>H<sub>13</sub>ClO<sub>2</sub>**

Molecular Weight : **164.63**

### Hexyl ((4-aminophenyl)(imino)methyl)carbamate Hydrochloride



Catalogue No.: **PA 04 01900**

CAS : **1307233-93-7**

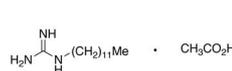
Molecular Formula : **C<sub>14</sub>H<sub>22</sub>ClN<sub>3</sub>O<sub>2</sub>**

Molecular Weight : **299.8**

## Dodine

A fungicide, which is used to treat scabies in plants like apple and pear tree. Dodine is a acetic acid and n -dodecyl guanidine salt. It works by damaging cell membrane of fungus.. Reference standards of Dodine API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below

### Dodine - API Standards



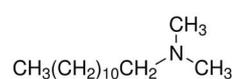
Catalogue No.: **PA 04 37000**

CAS : **2439-10-3**

Molecular Formula : **C<sub>15</sub>H<sub>33</sub>N<sub>3</sub>O<sub>2</sub>**

Molecular Weight : **287.44**

### N,N-Dimethyldodecylamine



Catalogue No.: **PA 04 37510**

CAS : **112-18-5**

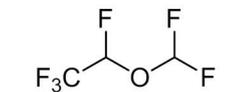
Molecular Formula : **C<sub>14</sub>H<sub>31</sub>N**

Molecular Weight : **213.4**

## Desflurane

Desflurane is a highly fluorinated methyl ethyl ether used for maintenance of general anesthesia. It is a racemic mixture of and optical isomers.. Reference standards of Desflurane API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below

### Desflurane - API Standards



Catalogue No.: **PA 31 31000**

CAS : **57041-67-5**

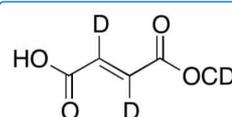
Molecular Formula : **C<sub>3</sub>H<sub>2</sub>F<sub>6</sub>O**

Molecular Weight : **168.04**

## Dimethyl Fumarate

Dimethyl Fumarate is indicated for multiple sclerosis patients with relapsing forms and is also being investigated for the treatment of psoriasis. Dimethyl fumarate is an anti-inflammatory.. Reference standards of Dimethyl Fumarate API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below

### Monomethyl Fumarate-d5



Catalogue No.: **PA STI 041591**

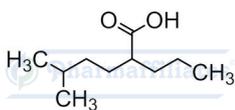
CAS : **1616345-45-9**

Molecular Formula : **C<sub>5</sub>HD<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **135.13**

## Divalproex Sodium

Divalproex Sodium is used primarily to treat epilepsy and bipolar disorder. It is also used to prevent migraine headaches. It is an fatty acid.. Reference standards of Divalproex Sodium API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



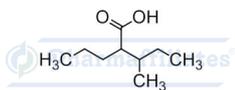
### 5-Methyl-2-propylhexanoic Acid

Catalogue No.: **PA 04 66510**

CAS : **161089-84-5**

Molecular Formula : **C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>**

Molecular Weight : **172.26**



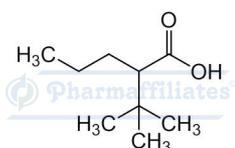
### 3-methyl-2-propylpentanoic acid

Catalogue No.: **PA 04 66520**

CAS : **296254-18-7**

Molecular Formula : **C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>**

Molecular Weight : **158.24**



### 2-(Tert-butyl)pentanoic Acid

Catalogue No.: **PA 04 66530**

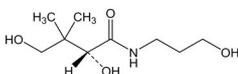
CAS : **81109-00-4**

Molecular Formula : **C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>**

Molecular Weight : **158.24**

## Dexpanthenol

Dexpanthenol is used as a moisturizing agent for dry, itchy skin and rashes. Chemically, it is an alcoholic analogue of D-pantothenic acid. It acts as a precursor of coenzyme A, and is involved in the synthesis of acetylcholine.. Reference standards of Dexpanthenol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### Dexpanthenol - API Standards

Catalogue No.: **PA 04 16000**

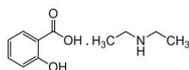
CAS : **81-13-0**

Molecular Formula : **C<sub>9</sub>H<sub>19</sub>NO<sub>4</sub>**

Molecular Weight : **205.25**

## Diethylamine Salicylate

Diethylamine Salicylate is an organic compound . It is a secondary amine. Diethylamine salicylate has anti-inflammatory and painkilling actions. The cream is used to relieve the symptoms of aches and pains such as muscle stiffness or aches.. Reference standards of Diethylamine Salicylate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### Diethylamine Salicylate - API Standards

Catalogue No.: **PA 04 79000**

CAS : **4419-92-5**

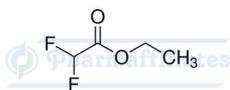
Molecular Formula : **C<sub>11</sub>H<sub>17</sub>NO<sub>3</sub>**

Molecular Weight : **211.26**

## Deracoxib

Deracoxib is sold in tablets. It is a non-steroidal anti-inflammatory drug of the coxib class, used in veterinary medicine to treat osteoarthritis in dogs.. Reference standards of Deracoxib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### Ethyl Difluoroacetate



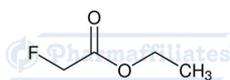
Catalogue No.: **PA 31 33530**

CAS : **454-31-9**

Molecular Formula : **C<sub>4</sub>H<sub>6</sub>F<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **124.09**

### Ethyl Fluoroacetate



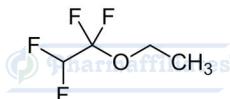
Catalogue No.: **PA 31 33540**

CAS : **459-72-3**

Molecular Formula : **C<sub>4</sub>H<sub>7</sub>FO<sub>2</sub>**

Molecular Weight : **106.1**

### Tetrafluoroethyl Ether



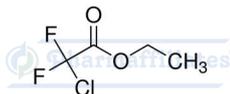
Catalogue No.: **PA 31 33550**

CAS : **512-51-6**

Molecular Formula : **C<sub>4</sub>H<sub>6</sub>F<sub>4</sub>O**

Molecular Weight : **146.08**

### Ethyl Chlorodifluoroacetate



Catalogue No.: **PA 31 33560**

CAS : **383-62-0**

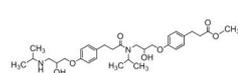
Molecular Formula : **C<sub>4</sub>H<sub>5</sub>ClF<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **158.53**

## Esmolol Hydrochloride

A hydrochloride salt of Esmolol, which is a cardiovascular beta1 receptor blocker with fast onset and very short duration of action. A class II antiarrhythmic is used for the treatment of acute supraventricular tachycardia. Reference standards of Esmolol Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Esmolol Dimer



Catalogue No.: **PA 05 16520**

CAS : **98903-89-0**

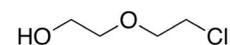
Molecular Formula : **C<sub>31</sub>H<sub>46</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **558.71**

## Ethanol

Ethanol has bactericidal activity and is used often as a topical disinfectant. A clear, colorless liquid rapidly absorbed from the gastrointestinal tract and distributed throughout the body. . Reference standards of Ethanol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### 2-(2-Chloroethoxy)ethanol



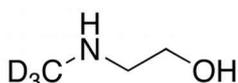
Catalogue No.: **PA 05 64510**

CAS : **628-89-7**

Molecular Formula : **C<sub>4</sub>H<sub>9</sub>ClO<sub>2</sub>**

Molecular Weight : **124.57**

### 2-((Methyl-d3)amino) ethanol



Catalogue No.: **PA STI 060250**

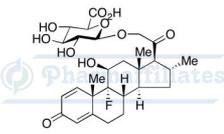
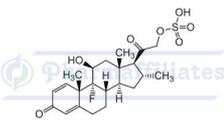
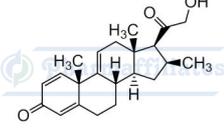
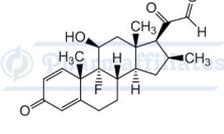
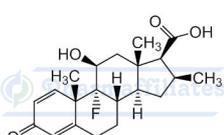
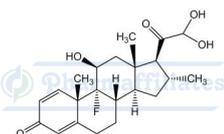
CAS : **1216441-01-8**

Molecular Formula : **C<sub>3</sub>H<sub>6</sub>D<sub>3</sub>NO**

Molecular Weight : **78.13**

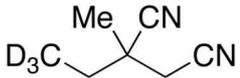
## Desoximetasone

Desoximetasone topical anti-inflammatory glucocorticoid used in dermatoses, skin allergies, psoriasis. It is also used for the relief of various skin conditions, including rashes.. Reference standards of Desoximetasone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	<b>Desoximetasone 21-Glucuronide</b>	Catalogue No.: <b>PA 04 91600</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>28</sub>H<sub>37</sub>FO<sub>10</sub></b>	Molecular Weight : <b>552.59</b>
	<b>Desoximetasone Sulfate</b>	Catalogue No.: <b>PA 04 91610</b>	CAS : <b>742635-49-0</b>	Molecular Formula : <b>C<sub>22</sub>H<sub>29</sub>FO<sub>7</sub>S</b>	Molecular Weight : <b>456.52</b>
	<b>(16β)-21-Hydroxy-16-methylpregna-1,4,9(11)-triene-3,20-dione</b>	Catalogue No.: <b>PA 04 91620</b>	CAS : <b>151265-32-6</b>	Molecular Formula : <b>C<sub>22</sub>H<sub>28</sub>O<sub>3</sub></b>	Molecular Weight : <b>340.46</b>
	<b>2-((8S,9R,10S,11S,13S,14S,16S,17S)-9-Fluoro-11-hydroxy-10,13,16-trimethyl-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl)-2-oxoacetaldehyde</b>	Catalogue No.: <b>PA 04 91630</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>22</sub>H<sub>27</sub>FO<sub>4</sub></b>	Molecular Weight : <b>374.45</b>
	<b>(11β,16β,17β)-9-Fluoro-11-hydroxy-16-methyl-3-oxoandrost-1,4-diene-17-carboxylic Acid</b>	Catalogue No.: <b>PA 04 91640</b>	CAS : <b>1203841-43-3</b>	Molecular Formula : <b>C<sub>21</sub>H<sub>27</sub>FO<sub>4</sub></b>	Molecular Weight : <b>362.44</b>
	<b>(8S,9R,10S,11S,13S,14S,16R,17S)-17-(2,2-Dihydroxyacetyl)-9-fluoro-11-hydroxy-10,13,16-trimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one</b>	Catalogue No.: <b>PA 04 91650</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>22</sub>H<sub>29</sub>FO<sub>5</sub></b>	Molecular Weight : <b>392.46</b>

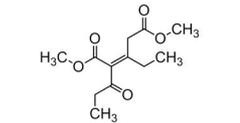
## Ethosuximide

An anticonvulsant drug used for the treatment of absence seizures. It is a derivative of succinimide. A T-type calcium channel blocker. Reference standards of Ethosuximide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>2-Ethyl-2-methyl-succinonitrile-d3</b>	Catalogue No.: <b>PA STI 039770</b>	CAS : <b>1246817-05-9</b>	Molecular Formula : <b>C<sub>7</sub>H<sub>7</sub>D<sub>3</sub>N<sub>2</sub></b>	Molecular Weight : <b>125.19</b>
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## Etodolac

A COX-2 inhibitor, Etodolac is a Non steroidal anti-inflammatory drug used for the treatment of pain, fever and inflammation. This drug reduces the levels of prostaglandins. Reference standards of Etodolac API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

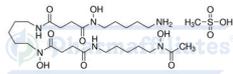
	<b>(Z)-Dimethyl 3-ethyl-2-propionylpent-2-enedioate</b>	Catalogue No.: <b>PA 05 35510</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>12</sub>H<sub>18</sub>O<sub>5</sub></b>	Molecular Weight : <b>242.27</b>
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# Deferoxamine Mesylate

Deferoxamine Mesylate, sold under the brand name Desferal. It is used as a chelating agent, particularly in the mesylate form. It is also used by injection into a muscle, vein, or under the skin.. Reference standards of Deferoxamine Mesylate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

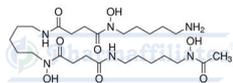
## Deferoxamine Mesylate - API Standards



Catalogue No.: **PA 31 18000** CAS : **138-14-7** Molecular Formula : **C<sub>26</sub>H<sub>52</sub>N<sub>6</sub>O<sub>11</sub>S** Molecular Weight : **656.79**

**SIMILAR PRODUCTS** ▾

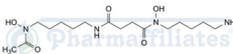
## Deferoxamine



Catalogue No.: **PA 31 18520** CAS : **70-51-9** Molecular Formula : **C<sub>25</sub>H<sub>48</sub>N<sub>6</sub>O<sub>8</sub>** Molecular Weight : **560.68**

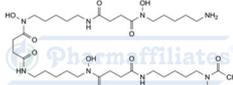
**SIMILAR PRODUCTS** ▾

## Deferoxamine Mesylate - Impurity B



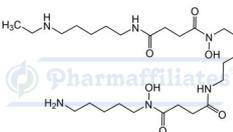
Catalogue No.: **PA 31 0180020** CAS : **252325-60-3** Molecular Formula : **C<sub>16</sub>H<sub>32</sub>N<sub>4</sub>O<sub>5</sub>** Molecular Weight : **360.46**

## Deferoxamine Mesylate - Impurity J



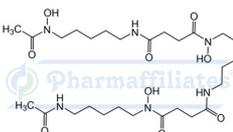
Catalogue No.: **PA 31 0180100** CAS : **1623757-38-9** Molecular Formula : **C<sub>34</sub>H<sub>64</sub>N<sub>8</sub>O<sub>11</sub>** Molecular Weight : **760.93**

## N1-(5-Aminopentyl)-N4-(5-(4-((5-(ethylamino)pentyl)amino)-N-hydroxy-4-oxobutanamido)pentyl)-N1-hydroxysuccinamide



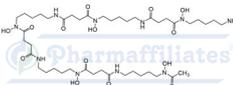
Catalogue No.: **PA 31 0181000** CAS : **NA** Molecular Formula : **C<sub>25</sub>H<sub>50</sub>N<sub>6</sub>O<sub>6</sub>** Molecular Weight : **530.71**

## Desferrioxamine D1



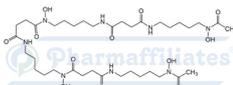
Catalogue No.: **PA 31 0181001** CAS : **5722-48-5** Molecular Formula : **C<sub>27</sub>H<sub>50</sub>N<sub>6</sub>O<sub>9</sub>** Molecular Weight : **602.73**

## N1-(38-Amino-11,22,33-trihydroxy-7,10,18,21,29,32-hexaoxo-6,11,17,22,28,33-hexaazaoctatriacontyl)-N1-hydroxy-N4-(5-(N-hydroxyacetamido)pentyl)succinamide



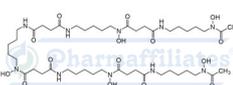
Catalogue No.: **PA 31 0181002** CAS : **NA** Molecular Formula : **C<sub>43</sub>H<sub>80</sub>N<sub>10</sub>O<sub>14</sub>** Molecular Weight : **961.17**

## N1-(3,20-Dihydroxy-2,10,13,21,24-pentaoxo-3,9,14,20,25-pentazatriacontan-30-yl)-N1-hydroxy-N4-(5-(N-hydroxyacetamido)pentyl)succinamide

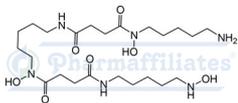


Catalogue No.: **PA 31 0181003** CAS : **NA** Molecular Formula : **C<sub>36</sub>H<sub>66</sub>N<sub>8</sub>O<sub>12</sub>** Molecular Weight : **802.97**

## N1-(3,14-Dihydroxy-2,10,13,21,24-pentaoxo-3,9,14,20,25-pentazatriacontan-30-yl)-N1-hydroxy-N4-(5-(N-hydroxy-4-((5-(N-hydroxyacetamido)pentyl)amino)-4-oxobutanamido)pentyl)succinamide



Catalogue No.: **PA 31 0181004** CAS : **NA** Molecular Formula : **C<sub>45</sub>H<sub>82</sub>N<sub>10</sub>O<sub>15</sub>** Molecular Weight : **1003.21**

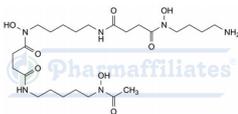


### N1-(5-Aminopentyl)-N1-hydroxy-N4-(5-(N-hydroxy-4-((5-(hydroxyamino)pentyl)amino)-4-oxobutanamido)pentyl)succinamide

Catalogue No.: **PA 31 0181005** CAS : **NA**

Molecular Formula : **C<sub>23</sub>H<sub>46</sub>N<sub>6</sub>O<sub>7</sub>**

Molecular Weight : **518.66**



### Deferoxamine Mesylate - Impurity A

Catalogue No.: **PA 31 0180010** CAS : **1884272-02-9**

Molecular Formula : **C<sub>24</sub>H<sub>46</sub>N<sub>6</sub>O<sub>8</sub>**

Molecular Weight : **546.67**

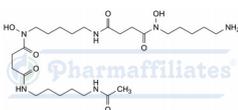


### Deferoxamine Mesylate - Impurity C

Catalogue No.: **PA 31 0180030** CAS : **2061568-49-6**

Molecular Formula : **C<sub>11</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **242.28**

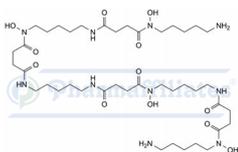


### Deferoxamine Mesylate - Impurity F

Catalogue No.: **PA 31 0180060** CAS : **3031015-22-9**

Molecular Formula : **C<sub>25</sub>H<sub>48</sub>N<sub>6</sub>O<sub>7</sub>**

Molecular Weight : **544.69**

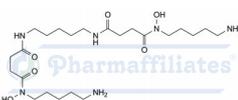


### Deferoxamine Mesylate - Impurity H

Catalogue No.: **PA 31 0180080** CAS : **NA**

Molecular Formula : **C<sub>41</sub>H<sub>78</sub>N<sub>10</sub>O<sub>12</sub>**

Molecular Weight : **903.13**

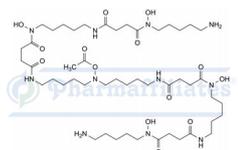


### Deferoxamine Mesylate - Impurity I

Catalogue No.: **PA 31 0180090** CAS : **2991819-68-0**

Molecular Formula : **C<sub>23</sub>H<sub>46</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **502.66**

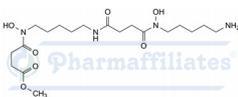


### Deferoxamine Mesylate - Impurity K

Catalogue No.: **PA 31 0180110** CAS : **NA**

Molecular Formula : **C<sub>48</sub>H<sub>91</sub>N<sub>11</sub>O<sub>14</sub>**

Molecular Weight : **1046.32**



### Deferoxamine Mesylate - Impurity E

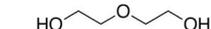
Catalogue No.: **PA 31 0180050** CAS : **804456-12-0**

Molecular Formula : **C<sub>19</sub>H<sub>36</sub>N<sub>4</sub>O<sub>7</sub>**

Molecular Weight : **432.52**

## Etofenamate

A Non steroidal anti-inflammatory gel , Etofenamate is used for treating muscular and joint pain. It is an antiphlogistic agent for percutaneous therapy. Reference standards of Etofenamate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Etofenamate - Impurity F

Catalogue No.: **PA 05 36060** CAS : **111-46-6**

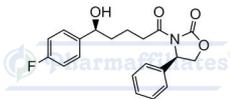
Molecular Formula : **C<sub>4</sub>H<sub>10</sub>O<sub>3</sub>**

Molecular Weight : **106.12**

## Ezetimibe

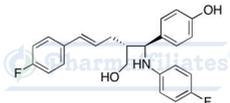
An anti-hyperlipidemic medication, it is used for cholesterol lowering that decreases the absorption of cholesterol in the small intestine. Ezetimibe is hence used for treating high cholesterol. Reference standards of Ezetimibe API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### ((4R)-3-[(5S)-5-(4-Fluorophenyl)-5-hydroxypentanoyl]-4-phenyl-1,3-oxazolidin-2-one)



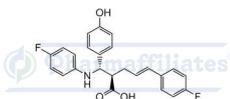
Catalogue No.: **PA 05 41820** CAS : **404874-94-8** Molecular Formula : **C<sub>20</sub>H<sub>20</sub>FNO<sub>4</sub>** Molecular Weight : **357.38**

### Ezetimibe Open-Ring Anhydro Alcohol



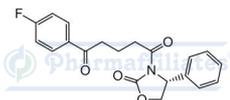
Catalogue No.: **PA 05 41850** CAS : **1374250-07-3** Molecular Formula : **C<sub>24</sub>H<sub>23</sub>F<sub>2</sub>NO<sub>2</sub>** Molecular Weight : **395.44**

### Ezetimibe Ring-opening Dehydrate Impurity



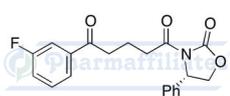
Catalogue No.: **PA 05 41860** CAS : **1292292-63-7** Molecular Formula : **C<sub>24</sub>H<sub>21</sub>F<sub>2</sub>NO<sub>3</sub>** Molecular Weight : **409.43**

### (R)-1-(4-Fluorophenyl)-5-(2-oxo-4-phenyloxazolidin-3-yl)pentane-1,5-dione



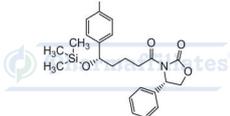
Catalogue No.: **PA 05 41870** CAS : **404874-93-7** Molecular Formula : **C<sub>20</sub>H<sub>18</sub>FNO<sub>4</sub>** Molecular Weight : **355.35**

### (S)-1-(3-Fluorophenyl)-5-(2-oxo-4-phenyloxazolidin-3-yl)pentane-1,5-dione



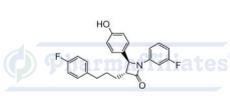
Catalogue No.: **PA 05 41880** CAS : **2514696-40-1** Molecular Formula : **C<sub>20</sub>H<sub>18</sub>FNO<sub>4</sub>** Molecular Weight : **355.36**

### (S)-3-((S)-5-(4-Fluorophenyl)-5-((trimethylsilyl)oxy)pentanoyl)-4-phenyloxazolidin-2-one



Catalogue No.: **PA 05 41930** CAS : **1354716-94-1** Molecular Formula : **C<sub>23</sub>H<sub>28</sub>FNO<sub>4</sub>Si** Molecular Weight : **429.56**

### (3R,4S)-1-(3-Fluorophenyl)-3-(3-(4-fluorophenyl)propyl)-4-(4-hydroxyphenyl)azetididin-2-one

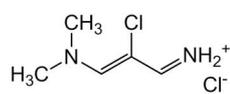


Catalogue No.: **PA 05 41515** CAS : **NA** Molecular Formula : **C<sub>24</sub>H<sub>21</sub>F<sub>2</sub>NO<sub>2</sub>** Molecular Weight : **393.43**

## Etoricoxib

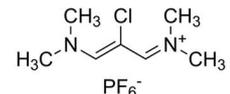
A COX-2 inhibitor, Etoricoxib is used in the treatment of rheumatoid arthritis, psoriatic arthritis, osteoarthritis, spondylitis, chronic low back pain, and gout. It is a selective inhibitor of isoform 2 of the enzyme cyclooxygenase. Reference standards of Etoricoxib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### 2-Chloro-3-(dimethylamino)prop-2-en-1-iminiumchloride



Catalogue No.: **PA 05 40530** CAS : **NA** Molecular Formula : **C<sub>5</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>** Molecular Weight : **169.05**

### 2-Chloro-1,3-bis(dimethylamino)trimethinium hexafluorophosphate

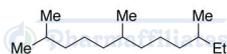


Catalogue No.: **PA 05 40640** CAS : **249561-98-6** Molecular Formula : **C<sub>7</sub>H<sub>14</sub>ClF<sub>6</sub>N<sub>2</sub>P** Molecular Weight : **306.62**

## Farnesane

An aliphatic hydrocarbon compound which is used as a biodiesel. It is a derivative of Farnesene which is a sesquiterpene. Reference standards of Farnesane API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Farnesane - API Standards



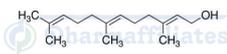
Catalogue No.: **PA 06 03000**

CAS : **3891-98-3**

Molecular Formula : **C<sub>15</sub>H<sub>32</sub>**

Molecular Weight : **212.41**

### (E,E)-Farnesol



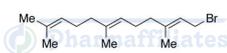
Catalogue No.: **PA 06 03510**

CAS : **106-28-5**

Molecular Formula : **C<sub>15</sub>H<sub>26</sub>O**

Molecular Weight : **222.37**

### (E,E)-Farnesyl Bromide



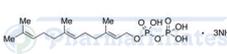
Catalogue No.: **PA 06 03520**

CAS : **28290-41-7**

Molecular Formula : **C<sub>15</sub>H<sub>25</sub>Br**

Molecular Weight : **285.26**

### Farnesyl Pyrophosphate Triammonium Salt



Catalogue No.: **PA 06 03530**

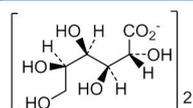
CAS : **116057-57-9**

Molecular Formula : **C<sub>15</sub>H<sub>37</sub>N<sub>3</sub>O<sub>7</sub>P<sub>2</sub>**

Molecular Weight : **433.42**

## Ferrous Gluconate

Ferrous Gluconate is used to treat or prevent iron deficiency anemia. It is marketed under brand names such as Fergon, Ferralet and Simron. Reference standards of Ferrous Gluconate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Ferrous Gluconate - API Standards

Catalogue No.: **PA 07 62000**

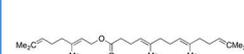
CAS : **299-29-6**

Molecular Formula : **C<sub>12</sub>H<sub>22</sub>FeO<sub>14</sub>**

Molecular Weight : **446.14**

## Gefarnate

Gefarnate used for the treatment of gastric ulcers. It is a drug. It also has been proposed for use in the treatment of dry eye syndrome. Reference standards of Gefarnate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Gefarnate - API Standards

Catalogue No.: **PA 07 47000**

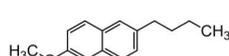
CAS : **51-77-4**

Molecular Formula : **C<sub>27</sub>H<sub>44</sub>O<sub>2</sub>**

Molecular Weight : **400.64**

## Nabumetone

Nabumetone is used to treat pain and inflammation. It is available under numerous brand names, such as Relafen, Relifex, and Gambaran. It is a nonsteroidal anti-inflammatory drug. Reference standards of Nabumetone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### 2-Butyl 6-methoxynaphthalene

Catalogue No.: **PA 14 01530**

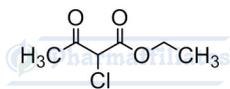
CAS : **701270-26-0**

Molecular Formula : **C<sub>15</sub>H<sub>18</sub>O**

Molecular Weight : **214.30**

## Febuxostat

Febuxostat is used to treat chronic gout and hyperuricemia. It is sold under the brand names Uloric among others, is a medication used long-term to treat gout due to high uric acid levels.. Reference standards of Febuxostat API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



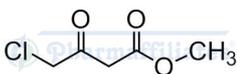
### Ethyl 2-Chloroacetoacetate

Catalogue No.: **PA 06 61680**

CAS : **609-15-4**

Molecular Formula : **C<sub>6</sub>H<sub>9</sub>ClO<sub>3</sub>**

Molecular Weight : **164.59**



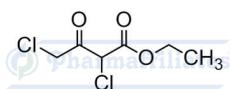
### Methyl 4-chloroacetoacetate

Catalogue No.: **PA 06 61690**

CAS : **32807-28-6**

Molecular Formula : **C<sub>5</sub>H<sub>7</sub>ClO<sub>3</sub>**

Molecular Weight : **150.56**



### Ethyl 2,4-dichloro-3-oxobutanoate

Catalogue No.: **PA 06 61700**

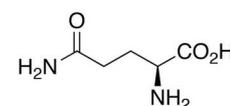
CAS : **88-00-6**

Molecular Formula : **C<sub>6</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>**

Molecular Weight : **199.03**

## Folic Acid

Folic Acid is a dietary supplement for pregnant women used to prevent neural tube defects. It is a form of folate which is a Vitamin B form. It helps in preventing heart strokes, improves fertility, and helps in production of new cells in the body. Reference standards of Folic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### L-Glutamine

Catalogue No.: **PA 06 44520**

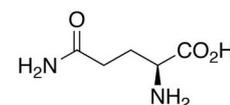
CAS : **56-85-9**

Molecular Formula : **C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>**

Molecular Weight : **146.14**

## Glutamine

An essential amino acid, Glutamine is used crucial component of culture media that serves as a major energy source for cells in culture. It is a component of polyglutamated folic acid. Reference standards of Glutamine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



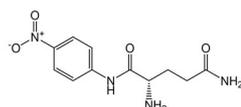
### Glutamine - API Standards

Catalogue No.: **PA 07 11000**

CAS : **56-85-9**

Molecular Formula : **C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>**

Molecular Weight : **146.14**



### (S)-2-Amino-N1-(4-nitrophenyl)Pentanediamide

Catalogue No.: **PA 07 0111011**

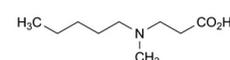
CAS : **134580-25-9**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>**

Molecular Weight : **266.26**

## Ibandronate Sodium Monohydrate

Ibandronate Sodium Monohydrate is a bisphosphonate medication. It is used in the prevention and treatment of osteoporosis and metastasis-associated skeletal fractures in people with cancer. Reference standards of Ibandronate Sodium Monohydrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Ibandronate Sodium - Impurity A

Catalogue No.: **PA 09 44010**

CAS : **287395-61-3**

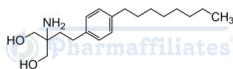
Molecular Formula : **C<sub>9</sub>H<sub>19</sub>NO<sub>2</sub>**

Molecular Weight : **173.25**

## Fingolimod

A sphingosine-1-phosphate receptor modulator, Fingolimod is an immunomodulating drug which is used for the treatment of multiple sclerosis. It is a derivative of myriocin and a metabolite of fungus *Isaria sinclairii*. Reference standards of Fingolimod API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### Fingolimod - API Standards



Catalogue No.: **PA 06 96000** CAS : **162359-55-9** Molecular Formula : **C<sub>19</sub>H<sub>33</sub>NO<sub>2</sub>** Molecular Weight : **307.47**

**SIMILAR PRODUCTS** ▼

### β-Amino-4-octylbenzenebutanol



Catalogue No.: **PA 06 0961027** CAS : **177260-59-2** Molecular Formula : **C<sub>18</sub>H<sub>31</sub>NO** Molecular Weight : **277.45**

### (2-(2-Iodoethyl)octyl)benzene

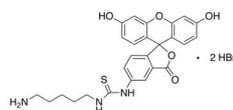


Catalogue No.: **PA 06 0961028** CAS : **NA** Molecular Formula : **C<sub>16</sub>H<sub>25</sub>I** Molecular Weight : **344.28**

## Fluorescein

A fluorophore compound (a fluorescent chemical compound), which is used as a fluorescent tracer. This synthetic organic compound is used in microscopy, dye laser and forensics. Also used as color additive. Reference standards of Fluorescein API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Fluorescein-Cadaverine Dihydrobromide

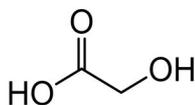


Catalogue No.: **PA 06 32510** CAS : **786705-84-8** Molecular Formula : **C<sub>26</sub>H<sub>27</sub>Br<sub>2</sub>N<sub>3</sub>O<sub>5</sub>S** Molecular Weight : **653.38**

## Glycolic Acid

A glycolate or glycollate is a salt or ester of glycolic acid. Glycolic Acid are used often to treat scarring, skin discoloration and signs of aging, like fine lines and wrinkles. Reference standards of Glycolic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

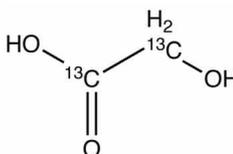
### Glycolic Acid - API Standards



Catalogue No.: **PA 07 27000** CAS : **79-14-1** Molecular Formula : **C<sub>2</sub>H<sub>4</sub>O<sub>3</sub>** Molecular Weight : **76.05**

**SIMILAR PRODUCTS** ▼

### Glycolic Acid-13C2

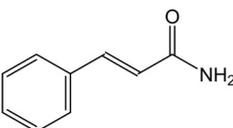


Catalogue No.: **PA STI 045950** CAS : **111389-68-5** Molecular Formula : **<sup>13</sup>C<sub>2</sub>H<sub>4</sub>O<sub>3</sub>** Molecular Weight : **78.04**

## Mitomycin

Mitomycin is used to treat various types of cancer. It is also used as a medicine for treating various disorders associated with the growth and spread of cells. Reference standards of Mitomycin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Mitomycin - Impurity A

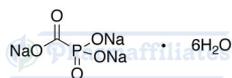


Catalogue No.: **PA 40 04010** CAS : **621-79-4** Molecular Formula : **C<sub>9</sub>H<sub>9</sub>NO** Molecular Weight : **147.17**

## Foscarnet Sodium

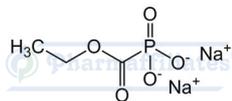
Foscarnet Sodium is primarily used to treat viral infections involving the Herpesviridae family. It is an antiviral medication. Reference standards of Foscarnet Sodium API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Foscarnet Sodium - API Standards



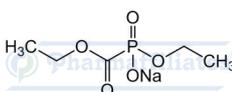
Catalogue No.: **PA 06 80000** CAS : **34156-56-4** Molecular Formula : **CH<sub>12</sub>O<sub>11</sub>Na<sub>3</sub>P** Molecular Weight : **300.04**

### Foscarnet Sodium - Impurity A



Catalogue No.: **PA 06 80010** CAS : **72305-00-1** Molecular Formula : **C<sub>3</sub>H<sub>5</sub>Na<sub>2</sub>O<sub>5</sub>P** Molecular Weight : **198.02**

### Foscarnet Sodium - Impurity C

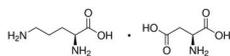


Catalogue No.: **PA 06 80030** CAS : **72304-94-0** Molecular Formula : **C<sub>5</sub>H<sub>10</sub>NaO<sub>5</sub>P** Molecular Weight : **204.09**

## L Ornithine L Aspartate Salt

L Ornithine L Aspartate Salt is formulated and marketed in low and high doses. Low doses are used as a food supplement and high doses as a medicinal product to lower blood ammonia concentration and to eliminate symptoms of hepatic encephalopathy associated with liver cirrhosis. Reference standards of L Ornithine L Aspartate Salt API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### L-Ornithine L-aspartate salt - API Standards



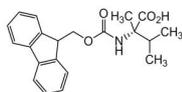
Catalogue No.: **PA 12 37000** CAS : **3230-94-2** Molecular Formula : **C<sub>9</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub>** Molecular Weight : **265.26**

### SIMILAR PRODUCTS

## L Lysine

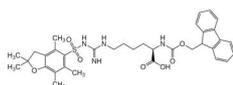
L Lysine is used in the biosynthesis of proteins. It is an  $\alpha$ -amino acid. It plays several roles in humans, most importantly proteinogenesis. Reference standards of L Lysine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Fmoc-(s)-alpha-methylvaline



Catalogue No.: **PA 12 50510** CAS : **169566-81-8** Molecular Formula : **C<sub>21</sub>H<sub>23</sub>NO<sub>4</sub>** Molecular Weight : **353.42**

### Fmoc-L-HomoArg(Pbf)-OH



Catalogue No.: **PA 12 50520** CAS : **401915-53-5** Molecular Formula : **C<sub>35</sub>H<sub>42</sub>N<sub>4</sub>O<sub>7</sub>S** Molecular Weight : **662.8**

## Maleic Acid

Maleic acid may be used to form acid addition salts with drugs to make them more stable, such as indacaterol maleate. It is an organic compound. It is the cis-isomer of butenedioic acid. Reference standards of Maleic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

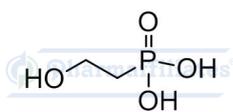
### Monostearyl Maleate



Catalogue No.: **PA 13 73520** CAS : **2424-62-6** Molecular Formula : **C<sub>22</sub>H<sub>40</sub>O<sub>4</sub>** Molecular Weight : **368.56**

# Fosfomicin

Fosfomicin is used to treat bladder infections, where it is usually given as a single dose by mouth. It is available as a generic medication. Fosfomicin, sold under the brand name Monurol. Reference standards of Fosfomicin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



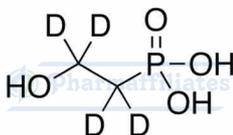
## 2-Hydroxyethanephosphonic Acid

Catalogue No.: **PA 06 64510**

CAS : **22987-21-9**

Molecular Formula : **C<sub>2</sub>H<sub>7</sub>O<sub>4</sub>P**

Molecular Weight : **126.05**



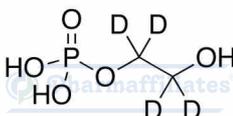
## 2-Hydroxyethanephosphonic Acid-d4

Catalogue No.: **PA STI 048580**

CAS : **NA**

Molecular Formula : **C<sub>2</sub>H<sub>3</sub>D<sub>4</sub>O<sub>4</sub>P**

Molecular Weight : **130.07**



## 2-Hydroxyethyl Phosphate-d4

Catalogue No.: **PA STI 048870**

CAS : **1892-26-8**

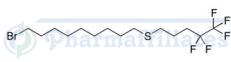
Molecular Formula : **C<sub>2</sub>H<sub>3</sub>D<sub>4</sub>O<sub>5</sub>P**

Molecular Weight : **146.07**

## Fulvestrant

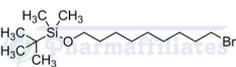
An estrogen receptor antagonist, Fulvestrant is used for the treatment of hormone receptor positive metastatic breast cancer in postmenopausal women. It is administered intramuscularly. Reference standards of Fulvestrant API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### 9-Bromononyl 4,4,5,5,5-pentafluoropentyl Sulfide



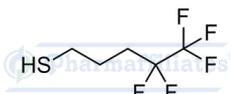
Catalogue No.: **PA 06 54510** CAS : **148757-89-5** Molecular Formula : **C<sub>14</sub>H<sub>24</sub>BrF<sub>5</sub>S** Molecular Weight : **399.3**

### 9-Bromononyl-tert-butyl-dimethylsilane



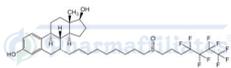
Catalogue No.: **PA 06 54520** CAS : **149051-24-1** Molecular Formula : **C<sub>15</sub>H<sub>33</sub>BrOSi** Molecular Weight : **337.41**

### 4,4,5,5,5-Pentafluoropentane-1-thiol



Catalogue No.: **PA 06 54530** CAS : **148757-88-4** Molecular Formula : **C<sub>5</sub>H<sub>7</sub>F<sub>5</sub>S** Molecular Weight : **194.17**

### (7R,8R,9S,13S,14S,17S)-13-Methyl-7-(9-((4,4,5,5,6,6,7,7,7-nonafluoroheptyl)sulfinyl)nonyl)-7,8,9,11,12,13,14,15,16,17-decahydro-6H-cyclopenta[a]phenanthrene 3,17-diol

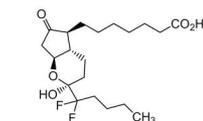


Catalogue No.: **PA 06 54540** CAS : **NA** Molecular Formula : **C<sub>34</sub>H<sub>47</sub>F<sub>9</sub>O<sub>3</sub>S** Molecular Weight : **706.79**

## Lubiprostone

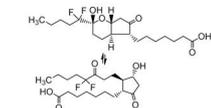
Lubiprostone used in the management of idiopathic chronic constipation. It is sold under the trade name Amitiza. Reference standards of Lubiprostone API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### 7-((2S,4aS,5S,7aS)-2-(1,1-Difluoropentyl)-2-hydroxy-6-oxooctahydrocyclopenta[b]pyran-5-yl)heptanoic Acid



Catalogue No.: **PA 12 87510** CAS : **2743427-14-5** Molecular Formula : **C<sub>20</sub>H<sub>32</sub>F<sub>2</sub>O<sub>5</sub>** Molecular Weight : **390.46**

### Lubiprostone (Mixture of Tautomeric Isomers)

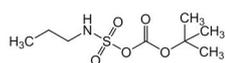


Catalogue No.: **PA 12 87520** CAS : **333963-40-9 (ring-closed), 136790-76-6 (ring-opened)** Molecular Formula : **C<sub>40</sub>H<sub>64</sub>F<sub>4</sub>O<sub>10</sub>** Molecular Weight : **780.94**

## Macitentan

Macitentan is used to treat high blood pressure in the lungs. It is sold under the brand name Opsumit. Reference standards of Macitentan API, and its pharmacoepial, non pharmacoepial impurities, and stable isotopes are listed below.

### 2,2-Dimethyl-N-(propylsulfamoyl)propanamide

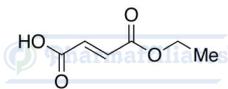


Catalogue No.: **PA 13 79510** CAS : **1393813-40-5** Molecular Formula : **C<sub>8</sub>H<sub>17</sub>NO<sub>5</sub>S** Molecular Weight : **239.29**

## Fumaric Acid

An isomer of maleic acid, Fumaric acid is a chemical compound which can be prepared synthetically and also occurs naturally. It is an intermediate in citric acid cycle and a product of urea cycle. Also used as an essential component in food, medicine and cosmetic industry. Reference standards of Fumaric Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Fumaric Acid Monoethyl Ester



Catalogue No.: **PA 06 48510**

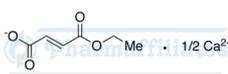
CAS : **2459-05-4**

Molecular Formula : **C<sub>6</sub>H<sub>8</sub>O<sub>4</sub>**

Molecular Weight : **144.13**

**SIMILAR PRODUCTS** ▼

### Fumaric Acid Monoethyl Ester Calcium Salt



Catalogue No.: **PA 06 48520**

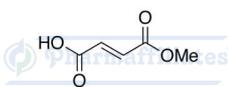
CAS : **62008-22-4**

Molecular Formula : **C<sub>6</sub>H<sub>7</sub>O<sub>4</sub>•1/2Ca**

Molecular Weight : **163.16**

**SIMILAR PRODUCTS** ▼

### Fumaric Acid Monomethyl Ester



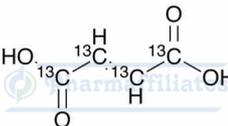
Catalogue No.: **PA 06 48530**

CAS : **2756-87-8**

Molecular Formula : **C<sub>5</sub>H<sub>6</sub>O<sub>4</sub>**

Molecular Weight : **130.1**

### Fumaric Acid-13C4



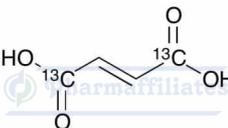
Catalogue No.: **PA STI 041560**

CAS : **201595-62-2**

Molecular Formula : **<sup>13</sup>C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>**

Molecular Weight : **120.04**

### Fumaric Acid-1,4-13C2



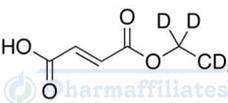
Catalogue No.: **PA STI 041570**

CAS : **96503-56-9**

Molecular Formula : **<sup>13</sup>C<sub>2</sub>C<sub>2</sub>H<sub>4</sub>O<sub>4</sub>**

Molecular Weight : **118.06**

### Fumaric Acid Monoethyl-d5 Ester



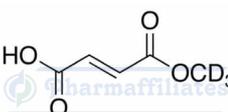
Catalogue No.: **PA STI 041580**

CAS : **1266398-64-4**

Molecular Formula : **C<sub>6</sub>H<sub>3</sub>D<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **149.16**

### Fumaric Acid Monomethyl Ester-d3



Catalogue No.: **PA STI 041590**

CAS : **1616345-41-5**

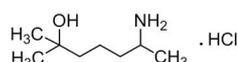
Molecular Formula : **C<sub>5</sub>H<sub>3</sub>D<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **133.12**

## Heptaminol Hydrochloride

An amino alcohol drug which is used for the treatment of hypotension. This vasoconstrictor is used as a doping substance and is used as a myocardial stimulant. Reference standards of Heptaminol Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Heptaminol Hydrochloride - API Standards



Catalogue No.: **PA 08 05000**

CAS : **543-15-7**

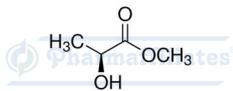
Molecular Formula : **C<sub>8</sub>H<sub>20</sub>ClNO**

Molecular Weight : **181.70**

## Lactic Acid

Lactic acid is used as a food preservative, curing agent, and flavoring agent. It is an organic acid. It is most commonly used for fluid resuscitation after blood loss due to trauma, surgery, or burns. Reference standards of Lactic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Methyl Lactate



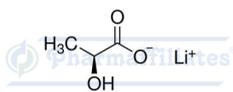
Catalogue No.: **PA 12 61510**

CAS : **27871-49-4**

Molecular Formula : **C<sub>4</sub>H<sub>8</sub>O<sub>3</sub>**

Molecular Weight : **104.1**

### Lithium L-lactate



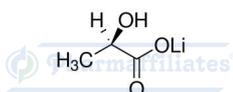
Catalogue No.: **PA 12 61520**

CAS : **27848-80-2**

Molecular Formula : **C<sub>3</sub>H<sub>5</sub>LiO<sub>3</sub>**

Molecular Weight : **96.01**

### Lithium D-lactate



Catalogue No.: **PA 12 61530**

CAS : **27848-81-3**

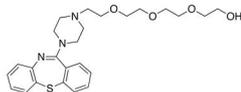
Molecular Formula : **C<sub>3</sub>H<sub>5</sub>LiO<sub>3</sub>**

Molecular Weight : **96.01**

## Quetiapine

This compound is also known as QUETIAPINE DIMER present as an impurity in antipsychotic drug Quetiapine. Reference standards of Quetiapine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Quetiapine - Impurity J



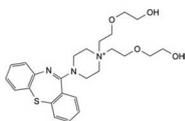
Catalogue No.: **PA 17 02100**

CAS : **1356906-17-6**

Molecular Formula : **C<sub>25</sub>H<sub>33</sub>N<sub>3</sub>O<sub>4</sub>S**

Molecular Weight : **471.61**

### Quetiapine - Impurity Q



Catalogue No.: **PA 17 02170**

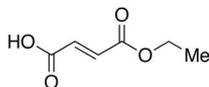
CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>34</sub>N<sub>3</sub>O<sub>4</sub>S**

Molecular Weight : **472.62**

[SIMILAR PRODUCTS](#)

### Quetiapine - Impurity R



Catalogue No.: **PA 17 02180**

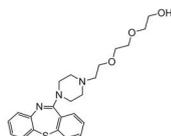
CAS : **2459-05-4**

Molecular Formula : **C<sub>6</sub>H<sub>8</sub>O<sub>4</sub>**

Molecular Weight : **144.13**

[SIMILAR PRODUCTS](#)

### 2-(2-(2-(4-(Dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl)ethoxy)ethoxy)ethanol



Catalogue No.: **PA 17 02590**

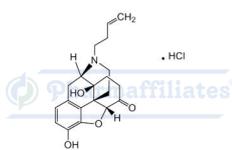
CAS : **329216-69-5**

Molecular Formula : **C<sub>23</sub>H<sub>29</sub>N<sub>3</sub>O<sub>3</sub>S**

Molecular Weight : **427.56**

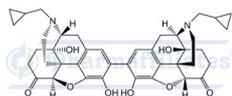
# Naltrexone Hydrochloride

Naltrexone Hydrochloride is a medication primarily used to manage alcohol or opioid dependence. It is sold under the brand names ReVia and Vivitrol. Reference standards of Naltrexone Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



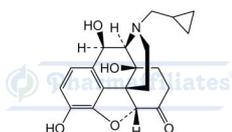
## Naltrexone Hydrochloride - Impurity C (Hydrochloride Salt)

Catalogue No.: **PA 14 08031** CAS : **131670-05-8** Molecular Formula : **C<sub>20</sub>H<sub>24</sub>ClNO<sub>4</sub>** Molecular Weight : **377.80**



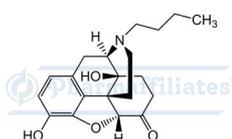
## Naltrexone Hydrochloride - Impurity D

Catalogue No.: **PA 14 08040** CAS : **607732-61-6** Molecular Formula : **C<sub>40</sub>H<sub>44</sub>N<sub>2</sub>O<sub>8</sub>** Molecular Weight : **680.79**



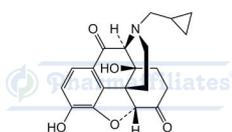
## Naltrexone Hydrochloride - Impurity G

Catalogue No.: **PA 14 08070** CAS : **NA** Molecular Formula : **C<sub>20</sub>H<sub>23</sub>NO<sub>5</sub>** Molecular Weight : **357.40**



## Naltrexone Hydrochloride - Impurity H

Catalogue No.: **PA 14 08080** CAS : **503090-99-1** Molecular Formula : **C<sub>20</sub>H<sub>25</sub>NO<sub>4</sub>** Molecular Weight : **343.42**

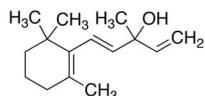


## Naltrexone Hydrochloride - Impurity I

Catalogue No.: **PA 14 08090** CAS : **96445-14-6** Molecular Formula : **C<sub>20</sub>H<sub>21</sub>NO<sub>5</sub>** Molecular Weight : **355.38**

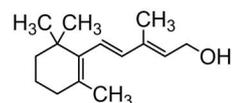
# Isotretinoin

Isotretinoin is used primarily for severe cystic acne and acne. It is also used to prevent certain skin cancers and in the treatment of other cancers. Reference standards of Isotretinoin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



## Ethylene-β-ionol

Catalogue No.: **PA 09 22510** CAS : **59057-30-6** Molecular Formula : **C<sub>15</sub>H<sub>24</sub>O** Molecular Weight : **220.35**

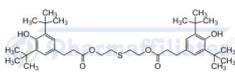


## β-Ionyliden-ethanol

Catalogue No.: **PA 09 22530** CAS : **3917-39-3** Molecular Formula : **C<sub>15</sub>H<sub>24</sub>O** Molecular Weight : **220.35**

## Irganox 1035

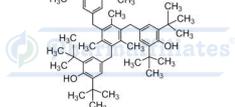
### Irganox 1035 - API Standards

Catalogue No.: **PA 09 25000**CAS : **41484-35-9**Molecular Formula : **C<sub>38</sub>H<sub>58</sub>O<sub>6</sub>S**Molecular Weight : **642.93**

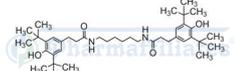
### Irganox 1076

Catalogue No.: **PA 09 25510**CAS : **2082-79-3**Molecular Formula : **C<sub>35</sub>H<sub>62</sub>O<sub>3</sub>**Molecular Weight : **530.86**

### Irganox 1330

Catalogue No.: **PA 09 25520**CAS : **1709-70-2**Molecular Formula : **C<sub>54</sub>H<sub>78</sub>O<sub>3</sub>**Molecular Weight : **775.2**

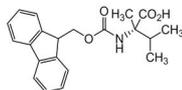
### Irganox 1098

Catalogue No.: **PA 09 25530**CAS : **23128-74-7**Molecular Formula : **C<sub>40</sub>H<sub>64</sub>N<sub>2</sub>O<sub>4</sub>**Molecular Weight : **636.95**

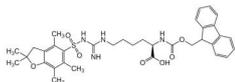
## L Lysine

L Lysine is used in the biosynthesis of proteins. It is an  $\alpha$ -amino acid. It plays several roles in humans, most importantly proteinogenesis. Reference standards of L Lysine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Fmoc-(s)-alpha-methylvaline

Catalogue No.: **PA 12 50510**CAS : **169566-81-8**Molecular Formula : **C<sub>21</sub>H<sub>23</sub>NO<sub>4</sub>**Molecular Weight : **353.42**

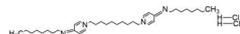
### Fmoc-L-HomoArg(Pbf)-OH

Catalogue No.: **PA 12 50520**CAS : **401915-53-5**Molecular Formula : **C<sub>35</sub>H<sub>42</sub>N<sub>4</sub>O<sub>7</sub>S**Molecular Weight : **662.8**

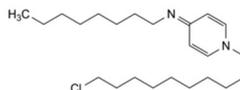
## Octenidine Dihydrochloride

Since 1987, octenidine has been used in Europe as an antiseptic, in concentrations of 0.1 to 2.0%. It is a substitute for chlorhexidine, with respect to its slow action and concerns about the carcinogenic impurity 4-chloroaniline. It is a cationic surfactant. Reference standards of Octenidine Dihydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Octenidine Dihydrochloride - API Standards

Catalogue No.: **PA 15 49000**CAS : **70775-75-6**Molecular Formula : **C<sub>36</sub>H<sub>64</sub>Cl<sub>2</sub>N<sub>4</sub>**Molecular Weight : **623.83**

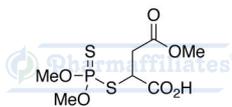
### Octenidine Dihydrochloride Impurity 1

Catalogue No.: **PA 15 0491002**CAS : **NA**Molecular Formula : **C<sub>36</sub>H<sub>64</sub>ClN<sub>2</sub>**Molecular Weight : **381.05**

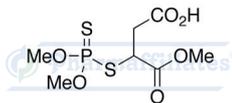
## Malathion

Malathion is an organophosphate compound which is used as an insecticide and pesticide. Malathion is a cholinesterase inhibitor which shows low toxicity on humans. It is used to kill head and body lice. Reference standards of Malathion API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

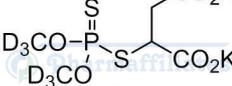
### O-Methyl Malathion $\alpha$ -Monoacid

Catalogue No.: **PA 13 01530**CAS : **91485-13-1**Molecular Formula : **C<sub>7</sub>H<sub>13</sub>O<sub>6</sub>PS<sub>2</sub>**Molecular Weight : **288.28**

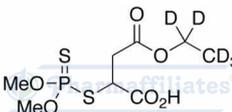
### O-Methyl Malathion $\beta$ -Monoacid

Catalogue No.: **PA 13 01540**CAS : **55733-40-9**Molecular Formula : **C<sub>7</sub>H<sub>13</sub>O<sub>6</sub>PS<sub>2</sub>**Molecular Weight : **288.28**

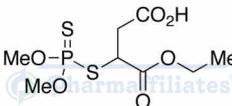
### Malathion Diacid-d6 Dipotassium Salt

Catalogue No.: **PA STI 057500**CAS : **NA**Molecular Formula : **C<sub>6</sub>H<sub>3</sub>D<sub>6</sub>K<sub>2</sub>O<sub>6</sub>PS<sub>2</sub>**Molecular Weight : **356.47**

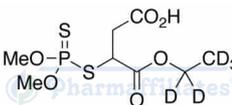
### Malathion $\alpha$ -Monoacid-d5

Catalogue No.: **PA STI 057510**CAS : **1794980-03-2**Molecular Formula : **C<sub>8</sub>H<sub>10</sub>D<sub>5</sub>O<sub>6</sub>PS<sub>2</sub>**Molecular Weight : **307.34**

### Malathion $\beta$ -Monoacid

Catalogue No.: **PA STI 057520**CAS : **1642-51-9**Molecular Formula : **C<sub>8</sub>H<sub>15</sub>O<sub>6</sub>PS<sub>2</sub>**Molecular Weight : **302.3**

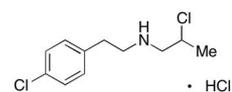
### Malathion $\beta$ -Monoacid-d5

Catalogue No.: **PA STI 057530**CAS : **1346599-04-9**Molecular Formula : **C<sub>8</sub>H<sub>10</sub>D<sub>5</sub>O<sub>6</sub>PS<sub>2</sub>**Molecular Weight : **307.34**

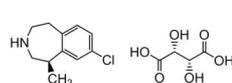
## Lorcaserin Hydrochloride

Lorcaserin Hydrochloride is used for the treatment of obesity. It has been shown to reduce body weight and food intake in animal models of obesity, and it is thought that targeting the 5HT<sub>2C</sub> receptor may alter body weight by regulating satiety. Reference standards of Lorcaserin Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### 4-Chloro-N-(2-chloropropyl)benzeneethanamine Hydrochloride

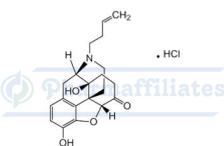
Catalogue No.: **PA 12 65520**CAS : **953789-37-2**Molecular Formula : **C<sub>11</sub>H<sub>16</sub>Cl<sub>3</sub>N**Molecular Weight : **268.17**

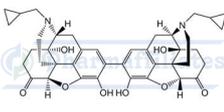
### Lorcaserin L-Tartrate

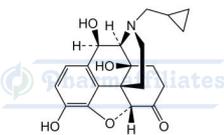
Catalogue No.: **PA 12 65550**CAS : **824430-78-6**Molecular Formula : **C<sub>15</sub>H<sub>20</sub>ClNO<sub>6</sub>**Molecular Weight : **345.78**

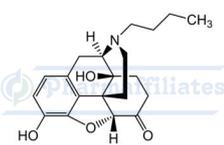
## Naltrexone Hydrochloride

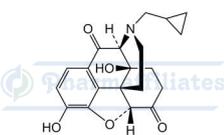
Naltrexone Hydrochloride is a medication primarily used to manage alcohol or opioid dependence. It is sold under the brand names ReVia and Vivitrol. Reference standards of Naltrexone Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Naltrexone Hydrochloride - Impurity C (Hydrochloride Salt)</b>		
Catalogue No.: <b>PA 14 08031</b>	CAS : <b>131670-05-8</b>	Molecular Formula : <b>C<sub>20</sub>H<sub>24</sub>ClNO<sub>4</sub></b>	Molecular Weight : <b>377.80</b>

	<b>Naltrexone Hydrochloride - Impurity D</b>		
Catalogue No.: <b>PA 14 08040</b>	CAS : <b>607732-61-6</b>	Molecular Formula : <b>C<sub>40</sub>H<sub>44</sub>N<sub>2</sub>O<sub>8</sub></b>	Molecular Weight : <b>680.79</b>

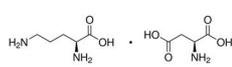
	<b>Naltrexone Hydrochloride - Impurity G</b>		
Catalogue No.: <b>PA 14 08070</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>20</sub>H<sub>23</sub>NO<sub>5</sub></b>	Molecular Weight : <b>357.40</b>

	<b>Naltrexone Hydrochloride - Impurity H</b>		
Catalogue No.: <b>PA 14 08080</b>	CAS : <b>503090-99-1</b>	Molecular Formula : <b>C<sub>20</sub>H<sub>25</sub>NO<sub>4</sub></b>	Molecular Weight : <b>343.42</b>

	<b>Naltrexone Hydrochloride - Impurity I</b>		
Catalogue No.: <b>PA 14 08090</b>	CAS : <b>96445-14-6</b>	Molecular Formula : <b>C<sub>20</sub>H<sub>21</sub>NO<sub>5</sub></b>	Molecular Weight : <b>355.38</b>

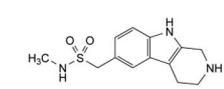
## L Ornithine L Aspartate Salt

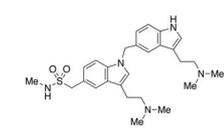
L Ornithine L Aspartate Salt is formulated and marketed in low and high doses. Low doses are used as a food supplement and high doses as a medicinal product to lower blood ammonia concentration and to eliminate symptoms of hepatic encephalopathy associated with liver cirrhosis. Reference standards of L Ornithine L Aspartate Salt API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>L-Ornithine L-aspartate salt - API Standards</b>		
Catalogue No.: <b>PA 12 37000</b>	CAS : <b>3230-94-2</b>	Molecular Formula : <b>C<sub>9</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub></b>	Molecular Weight : <b>265.26</b>
<b>SIMILAR PRODUCTS</b> 			

## Sumatriptan

A triptan class of medication used for the treatment of migraine and cluster headache. Structurally it is similar to serotonin (5-HT) and a 5-HT receptor agonist. Reference standards of Sumatriptan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

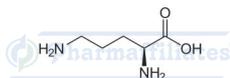
	<b>Sumatriptan - Impurity F</b>		
Catalogue No.: <b>PA 19 36060</b>	CAS : <b>2074615-63-5</b>	Molecular Formula : <b>C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S</b>	Molecular Weight : <b>279.36</b>
<b>SIMILAR PRODUCTS</b> 			

	<b>Sumatriptan - Impurity H</b>		
Catalogue No.: <b>PA 19 36080</b>	CAS : <b>1391052-59-7</b>	Molecular Formula : <b>C<sub>27</sub>H<sub>37</sub>N<sub>5</sub>O<sub>2</sub>S</b>	Molecular Weight : <b>495.68</b>

# L Ornithine

L Ornithine is abnormally accumulated in the body in ornithine transcarbamylase deficiency. It is a non-proteinogenic amino acid that plays a role in the urea cycle. Reference standards of L Ornithine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## L-Ornithine - API Standards



Catalogue No.: **PA 12 49000**

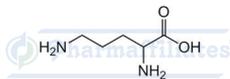
CAS : **70-26-8**

Molecular Formula : **C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **132.16**

**SIMILAR PRODUCTS**

## 2,5-Diaminopentanoic Acid



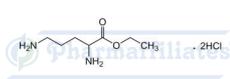
Catalogue No.: **PA 12 49510**

CAS : **616-07-9**

Molecular Formula : **C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **132.16**

## Ornithine Diethyl Ester Dihydrochloride



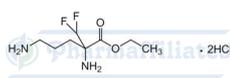
Catalogue No.: **PA 12 49530**

CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **233.14**

## Eflornithine Diethyl Ester Dihydrochloride



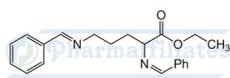
Catalogue No.: **PA 12 49540**

CAS : **NA**

Molecular Formula : **C<sub>8</sub>H<sub>18</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **283.14**

## Bis Benzylidene Ornithine Ethyl Ester



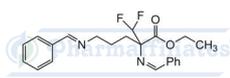
Catalogue No.: **PA 12 49550**

CAS : **NA**

Molecular Formula : **C<sub>21</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **336.43**

## Bis Benzylidene Eflornithine Ethyl Ester



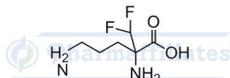
Catalogue No.: **PA 12 49560**

CAS : **NA**

Molecular Formula : **C<sub>22</sub>H<sub>24</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **386.43**

## Eflornithine



Catalogue No.: **PA 12 49580**

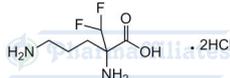
CAS : **70052-12-9**

Molecular Formula : **C<sub>6</sub>H<sub>12</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **182.17**

**SIMILAR PRODUCTS**

## Eflornithine Dihydrochloride



Catalogue No.: **PA 12 49590**

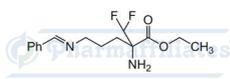
CAS : **71045-64-2**

Molecular Formula : **C<sub>6</sub>H<sub>14</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **255.09**

**SIMILAR PRODUCTS**

## (E)-Ethyl 2-amino-5-(benzylideneamino)-2-(difluoromethyl)pentanoate



Catalogue No.: **PA 12 49600**

CAS : **NA**

Molecular Formula : **C<sub>15</sub>H<sub>20</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **298.33**

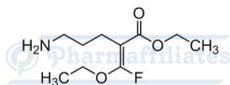
## (Z)-Ethyl 5-amino-2-(ethoxyfluoromethylene)pentanoate

Catalogue No.: **PA 12 49610**

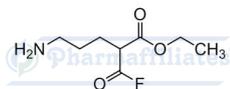
CAS : **NA**

Molecular Formula : **C<sub>10</sub>H<sub>18</sub>FNO<sub>3</sub>**

Molecular Weight : **219.25**

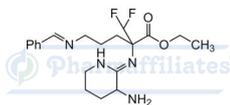


### Ethyl 5-amino-2-(fluorocarbonyl)pentanoate



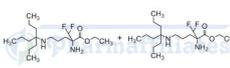
Catalogue No.: **PA 12 49620** CAS : **NA** Molecular Formula : **C<sub>8</sub>H<sub>14</sub>FNO<sub>3</sub>** Molecular Weight : **191.2**

### Ethyl 2-((Z)-(3-aminopiperidin-2-ylidene)amino)-5-((E)-benzylideneamino)-2-(difluoromethyl)pentanoate



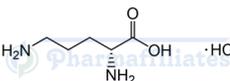
Catalogue No.: **PA 12 49630** CAS : **NA** Molecular Formula : **C<sub>20</sub>H<sub>28</sub>F<sub>2</sub>N<sub>4</sub>O<sub>2</sub>** Molecular Weight : **394.46**

### Ethyl 2-amino-2-(difluoromethyl)-5-((4-propylheptan-4-yl)amino)pentanoate



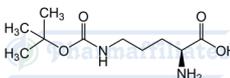
Catalogue No.: **PA 12 49640** CAS : **NA** Molecular Formula : **C<sub>36</sub>H<sub>72</sub>F<sub>2</sub>N<sub>4</sub>O<sub>4</sub>** Molecular Weight : **700.97**

### D-Ornithine Hydrochloride



Catalogue No.: **PA 12 0491000** CAS : **16682-12-5** Molecular Formula : **C<sub>5</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>2</sub>** Molecular Weight : **168.62**

### N-d-Boc-L-Ornithine

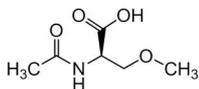


Catalogue No.: **PA 12 0491001** CAS : **13650-49-2** Molecular Formula : **C<sub>10</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>** Molecular Weight : **232.28**

## Lacosamide

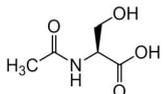
Lacosamide is used together with other medications to treat partial-onset seizures in adults and children with epilepsy. It is marketed under the trade name Vimpat. Reference standards of Lacosamide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### N-Acetyl-O-methyl-D-serine



Catalogue No.: **PA 12 41600** CAS : **196601-67-9** Molecular Formula : **C<sub>6</sub>H<sub>11</sub>NO<sub>4</sub>** Molecular Weight : **161.16**

### N-Acetyl-L-serine

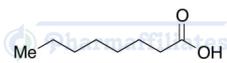


Catalogue No.: **PA 12 41610** CAS : **16354-58-8** Molecular Formula : **C<sub>6</sub>H<sub>9</sub>NO<sub>4</sub>** Molecular Weight : **147.13**

## Octanoic Acid

Octanoic Acid is used commercially in the production of esters used in perfumery and also in the manufacture of dyes. It is an oily liquid with a slightly unpleasant rancid-like smell that is minimally soluble in water. Reference standards of Octanoic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Octanoic Acid - API Standards



Catalogue No.: **PA 15 55000**

CAS : **124-07-2**

Molecular Formula : **C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>**

Molecular Weight : **144.21**

**SIMILAR PRODUCTS** ▼

### 8-Methoxycarboxyloctanoic Acid



Catalogue No.: **PA 15 55510**

CAS : **2104-19-0**

Molecular Formula : **C<sub>10</sub>H<sub>18</sub>O<sub>4</sub>**

Molecular Weight : **202.25**

### Sebacic Acid



Catalogue No.: **PA 15 55530**

CAS : **111-20-6**

Molecular Formula : **C<sub>10</sub>H<sub>18</sub>O<sub>4</sub>**

Molecular Weight : **202.25**

### Undecanedioic Acid



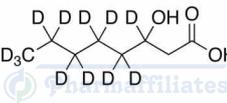
Catalogue No.: **PA 15 55540**

CAS : **1852-04-6**

Molecular Formula : **C<sub>11</sub>H<sub>20</sub>O<sub>4</sub>**

Molecular Weight : **216.27**

### 3-Hydroxyoctanoic Acid-d12



Catalogue No.: **PA STI 050860**

CAS : **1215622-76-6**

Molecular Formula : **C<sub>8</sub>H<sub>4</sub>D<sub>12</sub>O<sub>3</sub>**

Molecular Weight : **172.28**

### Octanoic Acid-D15



Catalogue No.: **PA STI 069620**

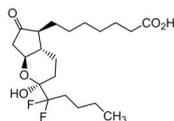
CAS : **69974-55-6**

Molecular Formula : **C<sub>8</sub>HD<sub>15</sub>O<sub>2</sub>**

Molecular Weight : **159.30**

## Lubiprostone

Lubiprostone used in the management of idiopathic chronic constipation. It is sold under the trade name Amitiza. Reference standards of Lubiprostone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



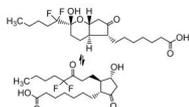
### 7-((2S,4aS,5S,7aS)-2-(1,1-Difluoropentyl)-2-hydroxy-6-oxooctahydrocyclopenta[b]pyran-5-yl)heptanoic Acid

Catalogue No.: **PA 12 87510**

CAS : **2743427-14-5**

Molecular Formula : **C<sub>20</sub>H<sub>32</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **390.46**



### Lubiprostone (Mixture of Tautomeric Isomers)

Catalogue No.: **PA 12 87520**

CAS : **333963-40-**

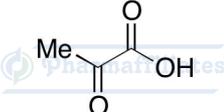
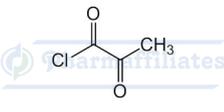
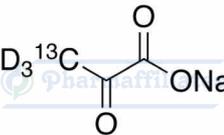
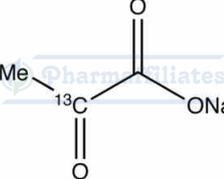
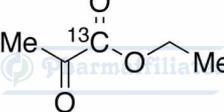
**9 (ring-closed), 136790-76-6 (ring-opened)**

Molecular Formula : **C<sub>40</sub>H<sub>64</sub>F<sub>4</sub>O<sub>10</sub>**

Molecular Weight : **780.94**

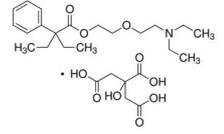
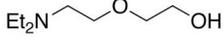
## Pyruvic Acid

An alpha-keto acid. Pyruvate (conjugate base of Pyruvic acid) is an important chemical compound in biochemistry. Reference standards of Pyruvic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Pyruvic Acid - API Standards</b>	Catalogue No.: <b>PA 16 78000</b>	CAS : <b>127-17-3</b>	Molecular Formula : <b>C<sub>3</sub>H<sub>4</sub>O<sub>3</sub></b>	Molecular Weight : <b>88.06</b>
	<b>2-Oxopropanoic Acid Chloride</b>	Catalogue No.: <b>PA 16 78510</b>	CAS : <b>5704-66-5</b>	Molecular Formula : <b>C<sub>3</sub>H<sub>3</sub>ClO<sub>2</sub></b>	Molecular Weight : <b>106.51</b>
	<b>Pyruvic Acid-13C,d3 Sodium Salt</b>	Catalogue No.: <b>PA STI 076510</b>	CAS : <b>1215831-74-5</b>	Molecular Formula : <b>C<sub>213</sub>CD<sub>3</sub>NaO<sub>3</sub></b>	Molecular Weight : <b>114.06</b>
	<b>Pyruvic Acid-2-13C Sodium Salt</b>	Catalogue No.: <b>PA STI 076520</b>	CAS : <b>87976-70-3</b>	Molecular Formula : <b>C<sub>213</sub>CH<sub>3</sub>NaO<sub>3</sub></b>	Molecular Weight : <b>111.04</b>
	<b>Pyruvic Acid-13C Ethyl Ester</b>	Catalogue No.: <b>PA STI 076530</b>	CAS : <b>905440-74-6</b>	Molecular Formula : <b>C<sub>413</sub>CH<sub>8</sub>O<sub>3</sub></b>	Molecular Weight : <b>117.11</b>

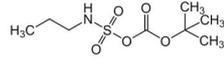
## Oxeladin Hydrogen Citrate

A citrate salt of Oxeladin an antitussive agent. Causes carcinogenicity. Reference standards of Oxeladin Hydrogen Citrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Oxeladin Hydrogen Citrate - API Standards</b>	Catalogue No.: <b>PA 15 17000</b>	CAS : <b>52432-72-1</b>	Molecular Formula : <b>C<sub>26</sub>H<sub>41</sub>NO<sub>10</sub></b>	Molecular Weight : <b>527.60</b>
	<b>Oxeladin Hydrogen Citrate - Impurity A</b>	Catalogue No.: <b>PA 15 17010</b>	CAS : <b>140-82-9</b>	Molecular Formula : <b>C<sub>8</sub>H<sub>19</sub>NO<sub>2</sub></b>	Molecular Weight : <b>161.24</b>

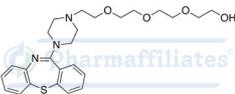
## Macitentan

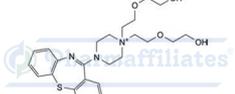
Macitentan is used to treat high blood pressure in the lungs. It is sold under the brand name Opsumit. Reference standards of Macitentan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

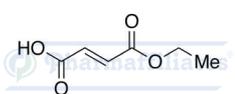
	<b>2,2-Dimethyl-N-(propylsulfamoyl)propanamide</b>	Catalogue No.: <b>PA 13 79510</b>	CAS : <b>1393813-40-5</b>	Molecular Formula : <b>C<sub>8</sub>H<sub>17</sub>NO<sub>5</sub>S</b>	Molecular Weight : <b>239.29</b>
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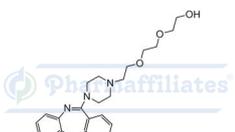
## Quetiapine

This compound is also known as QUETIAPINE DIMER present as an impurity in antipsychotic drug Quetiapine. Reference standards of Quetiapine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Quetiapine - Impurity J</b>	Catalogue No.: <b>PA 17 02100</b>	CAS : <b>1356906-17-6</b>	Molecular Formula : <b>C<sub>25</sub>H<sub>33</sub>N<sub>3</sub>O<sub>4</sub>S</b>	Molecular Weight : <b>471.61</b>
<b>SIMILAR PRODUCTS</b> 					

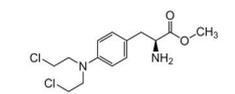
	<b>Quetiapine - Impurity Q</b>	Catalogue No.: <b>PA 17 02170</b>	CAS : <b>NA</b>	Molecular Formula : <b>C<sub>25</sub>H<sub>34</sub>N<sub>3</sub>O<sub>4</sub>S</b>	Molecular Weight : <b>472.62</b>
<b>SIMILAR PRODUCTS</b> 					

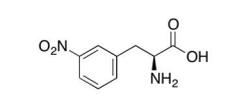
	<b>Quetiapine - Impurity R</b>	Catalogue No.: <b>PA 17 02180</b>	CAS : <b>2459-05-4</b>	Molecular Formula : <b>C<sub>6</sub>H<sub>8</sub>O<sub>4</sub></b>	Molecular Weight : <b>144.13</b>
<b>SIMILAR PRODUCTS</b> 					

	<b>2-(2-(2-(4-(Dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl)ethoxy)ethoxy)ethanol</b>	Catalogue No.: <b>PA 17 02590</b>	CAS : <b>329216-69-5</b>	Molecular Formula : <b>C<sub>23</sub>H<sub>29</sub>N<sub>3</sub>O<sub>3</sub>S</b>	Molecular Weight : <b>427.56</b>
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## Melphalan

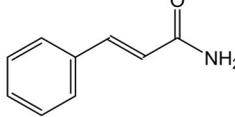
Melphalan is used to treat multiple myeloma. It is sold under the trade name Alkeran. It is also used to treat a certain type of ovarian cancer. Reference standards of Melphalan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Melphalan - Impurity H</b>	Catalogue No.: <b>PA 13 83080</b>	CAS : <b>88457-23-2</b>	Molecular Formula : <b>C<sub>14</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub></b>	Molecular Weight : <b>319.23</b>
<b>SIMILAR PRODUCTS</b> 					

	<b>L-3-Nitrophenylalanine</b>	Catalogue No.: <b>PA 13 83540</b>	CAS : <b>19883-74-0</b>	Molecular Formula : <b>C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub></b>	Molecular Weight : <b>210.19</b>
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## Mitomycin

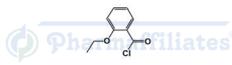
Mitomycin is used to treat various types of cancer. It is also used as a medicine for treating various disorders associated with the growth and spread of cells. Reference standards of Mitomycin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	<b>Mitomycin - Impurity A</b>	Catalogue No.: <b>PA 40 04010</b>	CAS : <b>621-79-4</b>	Molecular Formula : <b>C<sub>9</sub>H<sub>9</sub>NO</b>	Molecular Weight : <b>147.17</b>
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## Sildenafil Citrate

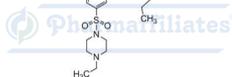
A citrate salt of Sildenafil sold under the brand name of Viagra. Sildenafil is used for the treatment of erectile dysfunction and pulmonary arterial hypertension. Sildenafil inhibits an enzyme cGMP-specific phosphodiesterase type 5 that promotes degradation of cGMP, which regulates blood flow in the penis. Reference standards of Sildenafil Citrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Sildenafil Chloro Impurity



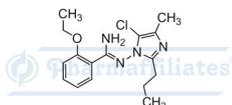
Catalogue No.: **PA 19 09540** CAS : **42926-52-3** Molecular Formula : **C<sub>9</sub>H<sub>9</sub>ClO<sub>2</sub>** Molecular Weight : **184.62**

### (Z)-N'-(5-Chloro-4-methyl-2-propyl-1H-imidazol-1-yl)-2-ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)benzimidamide



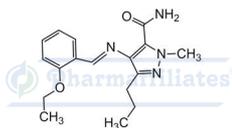
Catalogue No.: **PA 19 09700** CAS : **NA** Molecular Formula : **C<sub>22</sub>H<sub>33</sub>ClN<sub>6</sub>O<sub>3</sub>S** Molecular Weight : **497.05**

### (Z)-N'-(5-Chloro-4-methyl-2-propyl-1H-imidazol-1-yl)-2-ethoxybenzimidamide



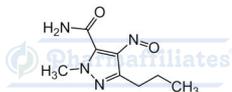
Catalogue No.: **PA 19 09710** CAS : **NA** Molecular Formula : **C<sub>16</sub>H<sub>21</sub>ClN<sub>4</sub>O** Molecular Weight : **320.82**

### (E)-4-((2-Ethoxybenzylidene)amino)-1-methyl-3-propyl-1H-pyrazole-5-carboxamide



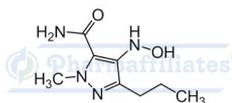
Catalogue No.: **PA 19 09720** CAS : **845302-49-0** Molecular Formula : **C<sub>17</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>** Molecular Weight : **314.38**

### 1-Methyl-4-nitroso-3-propyl-1H-pyrazole-5-carboxamide



Catalogue No.: **PA 19 09740** CAS : **732307-70-9** Molecular Formula : **C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>** Molecular Weight : **196.21**

### 4-(Hydroxyamino)-1-methyl-3-propyl-1H-pyrazole-5-carboxamide

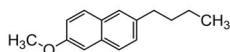


Catalogue No.: **PA 19 09750** CAS : **2512217-97-7** Molecular Formula : **C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>** Molecular Weight : **198.23**

## Nabumetone

Nabumetone is used to treat pain and inflammation. It is available under numerous brand names, such as Relafen, Relifex, and Gambaran. It is a nonsteroidal anti-inflammatory drug. Reference standards of Nabumetone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

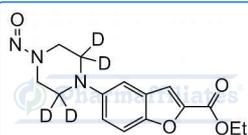
### 2-Butyl 6-methoxynaphthalene



Catalogue No.: **PA 14 01530** CAS : **701270-26-0** Molecular Formula : **C<sub>15</sub>H<sub>18</sub>O** Molecular Weight : **214.30**

## Vilazodone

Vilazodone is used to treat major depressive disorder. It is sold under the brand name Viibryd. It is taken by mouth. Reference standards of Vilazodone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



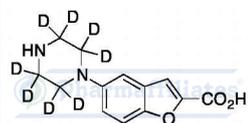
### 5-(4-Nitrosopiperazin-1-yl)benzofuran-2-carboxylic Acid Ethyl Ester-d4

Catalogue No.: **PA STI 068680**

CAS : **NA**

Molecular Formula : **C<sub>15</sub>H<sub>13</sub>D<sub>4</sub>N<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **307.34**



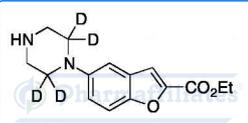
### 5-(1-Piperazinyl)benzofuran-2-carboxylic Acid-d8

Catalogue No.: **PA STI 073930**

CAS : **NA**

Molecular Formula : **C<sub>13</sub>H<sub>6</sub>D<sub>8</sub>N<sub>2</sub>O<sub>3</sub>**

Molecular Weight : **254.31**



### 5-(1-Piperazinyl)-2-benzofurancarboxylic Acid Ethyl Ester-d4 Hydrochloride

Catalogue No.: **PA STI 073940**

CAS : **NA**

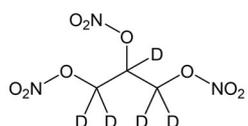
Molecular Formula : **C<sub>15</sub>H<sub>15</sub>D<sub>4</sub>ClN<sub>2</sub>O<sub>3</sub>**

Molecular Weight : **314.80**

• HCl

## Nitroglycerin

Nitroglycerin used for the treatment of chest pain and high blood pressure. Nitroglycerin is available in sublingual tablets, sprays, ointments, and patches. It is also known as nitroglycerine, trinitroglycerin. Reference standards of Nitroglycerin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Nitroglycerin D5

Catalogue No.: **PA STI 089334**

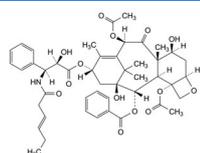
CAS : **NA**

Molecular Formula : **C<sub>3</sub>D<sub>5</sub>N<sub>3</sub>O<sub>9</sub>**

Molecular Weight : **232.12**

## Paclitaxel

Paclitaxel is a chemotherapeutic agent marketed under the brand name Taxol. It is approved in the UK for ovarian, breast, lung, bladder, prostate, melanoma, esophageal, and other types of solid tumor cancers as well as Kaposi's sarcoma. Reference standards of Paclitaxel API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Paclitaxel - Impurity Q

Catalogue No.: **PA 16 01170**

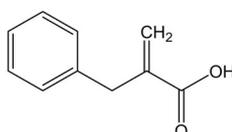
CAS : **502626-06-4**

Molecular Formula : **C<sub>46</sub>H<sub>55</sub>NO<sub>14</sub>**

Molecular Weight : **845.36**

## Racecadotril

A peripherally acting enkephalinase inhibitor, Racecadotril is an antidiarrheal drug. It helps in reducing the secretion of water and electrolytes into the intestine. A prodrug of its active metabolite Thiorphan. Reference standards of Racecadotril API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Racecadotril - Impurity E (Freebase)

Catalogue No.: **PA 18 39050**

CAS : **5669-19-2**

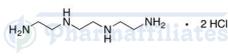
Molecular Formula : **C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>**

Molecular Weight : **162.19**

## Trientine Dihydrochloride

Trientine Dihydrochloride is used to treat a certain inherited disorder. This disorder causes too much copper to build up in the liver, brain, and other parts of the body. Reference standards of Trientine Dihydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Trientine Dihydrochloride - API Standards



Catalogue No.: **PA 47 59000**

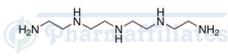
CAS : **38260-01-4**

Molecular Formula : **C<sub>6</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>4</sub>**

Molecular Weight : **219.16**

**SIMILAR PRODUCTS** ▼

### Tetraethylenepentamine



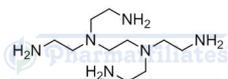
Catalogue No.: **PA 47 59520**

CAS : **112-57-2**

Molecular Formula : **C<sub>8</sub>H<sub>23</sub>N<sub>5</sub>**

Molecular Weight : **189.3**

### N1,N1'-(Ethane-1,2-diyl)bis(N1-(2-aminoethyl)ethane-1,2-diamine)



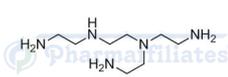
Catalogue No.: **PA 47 59530**

CAS : **4097-90-9**

Molecular Formula : **C<sub>10</sub>H<sub>28</sub>N<sub>6</sub>**

Molecular Weight : **232.37**

### N1,N1,N2-Tris(2-aminoethyl)ethane-1,2-diamine



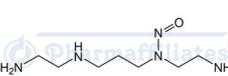
Catalogue No.: **PA 47 59540**

CAS : **31295-46-2**

Molecular Formula : **C<sub>8</sub>H<sub>23</sub>N<sub>5</sub>**

Molecular Weight : **189.3**

### N-(2-Aminoethyl)-N-(3-((2-aminoethyl)amino)propyl)nitrous amide



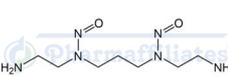
Catalogue No.: **PA 47 0591017**

CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>19</sub>N<sub>5</sub>O**

Molecular Weight : **189.26**

### N,N'-(Propane-1,3-diyl)bis(N-(2-aminoethyl)nitrous amide)



Catalogue No.: **PA 47 0591018**

CAS : **NA**

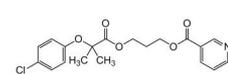
Molecular Formula : **C<sub>7</sub>H<sub>18</sub>N<sub>6</sub>O<sub>2</sub>**

Molecular Weight : **218.26**

## Ronifibrate

A fibrate drug. Fibrates are lipid modifying agents. Reference standards of Ronifibrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Ronifibrate - API Standards



Catalogue No.: **PA 18 54000**

CAS : **42597-57-9**

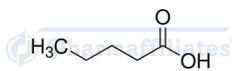
Molecular Formula : **C<sub>19</sub>H<sub>20</sub>ClNO<sub>5</sub>**

Molecular Weight : **377.82**

# Valproic Acid

Valproic Acid is used primarily to treat epilepsy and bipolar disorder. It is also used to prevent migraine headaches. It is marketed under the brand names Depakote, among others. Reference standards of Valproic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Valproic Acid - Impurity A



Catalogue No.: **PA 22 03010**

CAS : **109-52-4**

Molecular Formula : **C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>**

Molecular Weight : **102.13**

## Valproic Acid - Impurity E



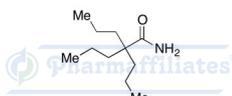
Catalogue No.: **PA 22 03050**

CAS : **626-97-1**

Molecular Formula : **C<sub>5</sub>H<sub>11</sub>NO**

Molecular Weight : **101.15**

## Valproic Acid - Impurity G



Catalogue No.: **PA 22 03070**

CAS : **52061-73-1**

Molecular Formula : **C<sub>11</sub>H<sub>23</sub>NO**

Molecular Weight : **185.31**

## Valproic Acid - Impurity H



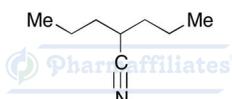
Catalogue No.: **PA 22 03080**

CAS : **110-59-8**

Molecular Formula : **C<sub>5</sub>H<sub>9</sub>N**

Molecular Weight : **83.13**

## Valproic Acid - Impurity I



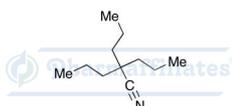
Catalogue No.: **PA 22 03090**

CAS : **13310-75-3**

Molecular Formula : **C<sub>8</sub>H<sub>15</sub>N**

Molecular Weight : **125.21**

## Valproic Acid - Impurity J



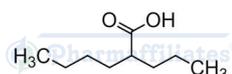
Catalogue No.: **PA 22 03100**

CAS : **5340-48-7**

Molecular Formula : **C<sub>11</sub>H<sub>21</sub>N**

Molecular Weight : **167.29**

## 2-Propylhexanoic Acid



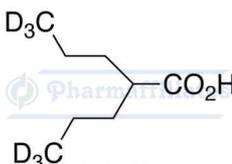
Catalogue No.: **PA 22 03530**

CAS : **3274-28-0**

Molecular Formula : **C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>**

Molecular Weight : **158.24**

## Valproic Acid-d6



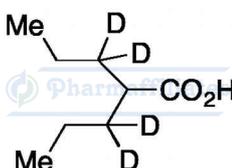
Catalogue No.: **PA STI 086530**

CAS : **87745-18-4**

Molecular Formula : **C<sub>8</sub>H<sub>10</sub>D<sub>6</sub>O<sub>2</sub>**

Molecular Weight : **150.25**

## Valproic Acid-d4



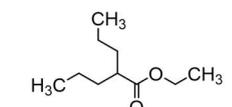
Catalogue No.: **PA STI 086531**

CAS : **87745-17-3**

Molecular Formula : **C<sub>8</sub>H<sub>12</sub>D<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **148.24**

## Valproic Acid Ethyl Ester



Catalogue No.: **PA 22 03570**

CAS : **17022-31-0**

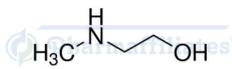
Molecular Formula : **C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>**

Molecular Weight : **172.26**

# Succinylcholine Chloride Dihydrate

Succinylcholine Chloride Dihydrate is used to cause short-term paralysis as part of general anesthesia. It is also known as suxamethonium. It is available as a generic medication. Reference standards of Succinylcholine Chloride Dihydrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## 2-(Methylamino)ethanol



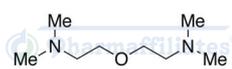
Catalogue No.: **PA 46 07520**

CAS : **109-83-1**

Molecular Formula : **C<sub>3</sub>H<sub>9</sub>NO**

Molecular Weight : **75.11**

## Bis(2-dimethylaminoethyl) Ether



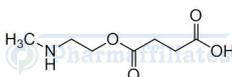
Catalogue No.: **PA 46 07530**

CAS : **3033-62-3**

Molecular Formula : **C<sub>8</sub>H<sub>20</sub>N<sub>2</sub>O**

Molecular Weight : **160.26**

## 4-(2-(Methylamino)ethoxy)-4-oxobutanoic Acid



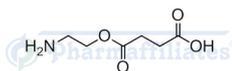
Catalogue No.: **PA 46 07570**

CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub>**

Molecular Weight : **175.18**

## 4-(2-Aminoethoxy)-4-oxobutanoic Acid



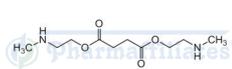
Catalogue No.: **PA 46 07580**

CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub>**

Molecular Weight : **175.18**

## Bis(2-(methylamino)ethyl) succinate



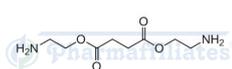
Catalogue No.: **PA 46 07590**

CAS : **NA**

Molecular Formula : **C<sub>10</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **232.28**

## Butanedioic Acid, Bis(2-aminoethyl) Ester



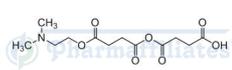
Catalogue No.: **PA 46 07600**

CAS : **90222-24-5**

Molecular Formula : **C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **204.22**

## 4-((4-(2-(Dimethylamino)ethoxy)-4-oxobutanoyl)oxy)-4-oxobutanoic Acid



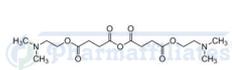
Catalogue No.: **PA 46 07630**

CAS : **NA**

Molecular Formula : **C<sub>12</sub>H<sub>19</sub>NO<sub>7</sub>**

Molecular Weight : **289.28**

## 4-(2-(Dimethylamino)ethoxy)-4-oxobutanoic Anhydride



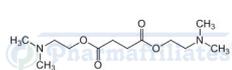
Catalogue No.: **PA 46 07640**

CAS : **NA**

Molecular Formula : **C<sub>16</sub>H<sub>28</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **360.4**

## Bis(2-(dimethylamino)ethyl) succinate



Catalogue No.: **PA 46 07650**

CAS : **19249-04-8**

Molecular Formula : **C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **260.33**

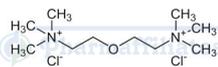
## 2,2'-Oxybis(N,N,N-trimethylethanaminium) Chloride

Catalogue No.: **PA 46 07670**

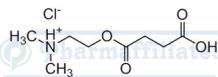
CAS : **6343-88-0**

Molecular Formula : **C<sub>10</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>2</sub>O**

Molecular Weight : **261.23**



### 2-((3-Carboxypropanoyl)oxy)-N,N-dimethylethanaminium Chloride



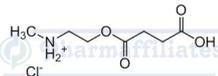
Catalogue No.: **PA 46 07680**

CAS : **NA**

Molecular Formula : **C<sub>8</sub>H<sub>16</sub>ClNO<sub>4</sub>**

Molecular Weight : **225.67**

### 2-((3-Carboxypropanoyl)oxy)-N-methylethanaminium Chloride



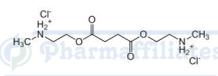
Catalogue No.: **PA 46 07690**

CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>14</sub>ClNO<sub>4</sub>**

Molecular Weight : **211.64**

### 2,2'-(Succinylbis(oxy))bis(N-methylethanaminium) Chloride



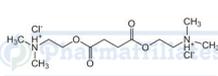
Catalogue No.: **PA 46 07700**

CAS : **NA**

Molecular Formula : **C<sub>10</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **305.2**

### 2,2'-(Succinylbis(oxy))bis(N,N-dimethylethanaminium) Chloride



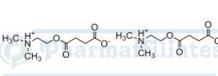
Catalogue No.: **PA 46 07710**

CAS : **NA**

Molecular Formula : **C<sub>12</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **333.25**

### 4-(2-(Dimethylammonio)ethoxy)-4-oxobutanoate



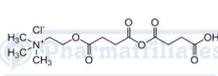
Catalogue No.: **PA 46 07720**

CAS : **NA**

Molecular Formula : **C<sub>16</sub>H<sub>30</sub>N<sub>2</sub>O<sub>8</sub>**

Molecular Weight : **378.42**

### 2-(((4-((3-Carboxypropanoyl)oxy)-4-oxobutanoyl)oxy)-N,N,N-trimethylethanaminium) Chloride



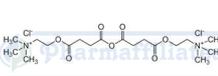
Catalogue No.: **PA 46 07730**

CAS : **NA**

Molecular Formula : **C<sub>13</sub>H<sub>22</sub>ClNO<sub>7</sub>**

Molecular Weight : **339.77**

### 2,2'-((4,4'-Oxybis(4-oxobutanoyl))bis(oxy))bis(N,N,N-trimethylethanaminium) Chloride



Catalogue No.: **PA 46 07740**

CAS : **NA**

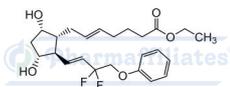
Molecular Formula : **C<sub>18</sub>H<sub>34</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **461.38**

# Tafluprost

An analog of prostaglandin which is used in the treatment of open angle glaucoma. Tafluprost works by reducing the intraocular pressure by increasing the outflow of aqueous fluid from the eyes. It is a rodru of its active form Tafluprost acid. Reference standards of Tafluprost API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## 5,6-trans Tafluprost



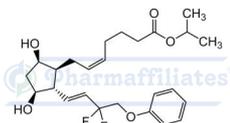
Catalogue No.: **PA 47 12510**

CAS : **NA**

Molecular Formula : **C<sub>24</sub>H<sub>32</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **438.5**

## Tafluprost (1S,2S,3S,5R)-Isomer



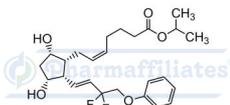
Catalogue No.: **PA 47 12530**

CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>34</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **452.53**

## Tafluprost (1R,2S,3R,5S)-Isomer



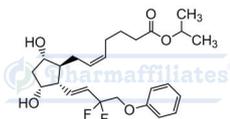
Catalogue No.: **PA 47 12540**

CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>34</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **452.53**

## Tafluprost (1S,2S,3R,5S)-Isomer



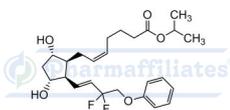
Catalogue No.: **PA 47 12550**

CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>34</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **452.53**

## Tafluprost (1S,2R,3R,5S)-Isomer



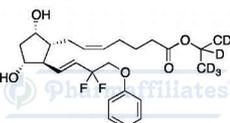
Catalogue No.: **PA 47 12560**

CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>34</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **452.53**

## Tafluprost-d7



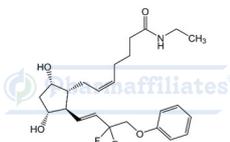
Catalogue No.: **PA STI 080780**

CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>27</sub>D<sub>7</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **459.57**

## Tafluprost Ethyl Amide



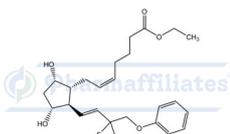
Catalogue No.: **PA 47 0121012**

CAS : **1185851-52-8**

Molecular Formula : **C<sub>24</sub>H<sub>33</sub>F<sub>2</sub>NO<sub>4</sub>**

Molecular Weight : **437.53**

## Tafluprost Ethyl Ester



Catalogue No.: **PA 47 0121013**

CAS : **209860-89-9**

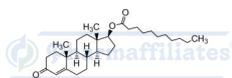
Molecular Formula : **C<sub>24</sub>H<sub>32</sub>F<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **438.51**

## Testosterone Undecanoate

An androgen and anabolic steroid and a testosterone ester. Reference standards of Testosterone Undecanoate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Testosterone Undecanoate - API Standards



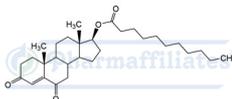
Catalogue No.: **PA 20 76000**

CAS : **5949-44-0**

Molecular Formula : **C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>**

Molecular Weight : **456.70**

### 6-Keto-Testosterone Undecanoate



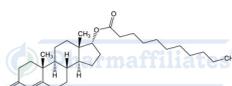
Catalogue No.: **PA 20 0761005**

CAS : **NA**

Molecular Formula : **C<sub>30</sub>H<sub>46</sub>O<sub>4</sub>**

Molecular Weight : **470.69**

### 17 $\alpha$ -Testosterone Undecanoate



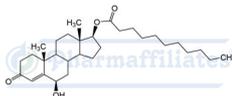
Catalogue No.: **PA 20 0761006**

CAS : **2763446-42-8**

Molecular Formula : **C<sub>30</sub>H<sub>48</sub>O<sub>3</sub>**

Molecular Weight : **456.71**

### 6 $\beta$ -Hydroxy Testosterone Undecanoate



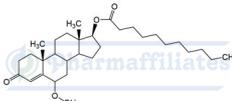
Catalogue No.: **PA 20 0761007**

CAS : **NA**

Molecular Formula : **C<sub>30</sub>H<sub>48</sub>O<sub>4</sub>**

Molecular Weight : **472.71**

### (10R,13S,17S)-6-Hydroperoxy-10,13-dimethyl-3-oxo-2,3,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl undecanoate



Catalogue No.: **PA 20 0761008**

CAS : **NA**

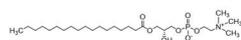
Molecular Formula : **C<sub>30</sub>H<sub>48</sub>O<sub>5</sub>**

Molecular Weight : **488.71**

## Phosphatidylcholine

Phosphatidylcholines are a class of phospholipids, phosphatidylcholine to make a brain chemical called acetylcholine, there is also some interest in using it for treating brain-centered. Reference standards of Phosphatidylcholine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Stearoyl L- $\alpha$ -Lysolecithin



Catalogue No.: **PA 43 69550**

CAS : **19420-57-6**

Molecular Formula : **C<sub>26</sub>H<sub>54</sub>NO<sub>7</sub>P**

Molecular Weight : **523.69**

### Phosphatidylethanolamine



Catalogue No.: **PA 43 69560**

CAS : **39382-08-6**

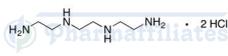
Molecular Formula : **NA**

Molecular Weight : **NA**

## Trientine Dihydrochloride

Trientine Dihydrochloride is used to treat a certain inherited disorder. This disorder causes too much copper to build up in the liver, brain, and other parts of the body. Reference standards of Trientine Dihydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Trientine Dihydrochloride - API Standards



Catalogue No.: **PA 47 59000**

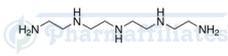
CAS : **38260-01-4**

Molecular Formula : **C<sub>6</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>4</sub>**

Molecular Weight : **219.16**

**SIMILAR PRODUCTS** ▼

### Tetraethylenepentamine



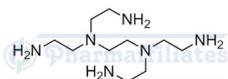
Catalogue No.: **PA 47 59520**

CAS : **112-57-2**

Molecular Formula : **C<sub>8</sub>H<sub>23</sub>N<sub>5</sub>**

Molecular Weight : **189.3**

### N1,N1'-(Ethane-1,2-diyl)bis(N1-(2-aminoethyl)ethane-1,2-diamine)



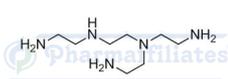
Catalogue No.: **PA 47 59530**

CAS : **4097-90-9**

Molecular Formula : **C<sub>10</sub>H<sub>28</sub>N<sub>6</sub>**

Molecular Weight : **232.37**

### N1,N1,N2-Tris(2-aminoethyl)ethane-1,2-diamine



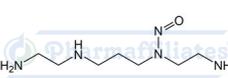
Catalogue No.: **PA 47 59540**

CAS : **31295-46-2**

Molecular Formula : **C<sub>8</sub>H<sub>23</sub>N<sub>5</sub>**

Molecular Weight : **189.3**

### N-(2-Aminoethyl)-N-(3-((2-aminoethyl)amino)propyl)nitrous amide



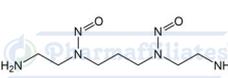
Catalogue No.: **PA 47 0591017**

CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>19</sub>N<sub>5</sub>O**

Molecular Weight : **189.26**

### N,N'-(Propane-1,3-diyl)bis(N-(2-aminoethyl)nitrous amide)



Catalogue No.: **PA 47 0591018**

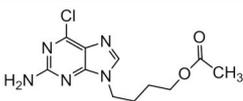
CAS : **NA**

Molecular Formula : **C<sub>7</sub>H<sub>18</sub>N<sub>6</sub>O<sub>2</sub>**

Molecular Weight : **218.26**

## Penciclovir

An antiviral drug which is used for treating herpesvirus infections. Penciclovir is a guanosine (a purine nucleoside) analogue and a metabolite of Famciclovir. Reference standards of Penciclovir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



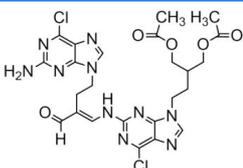
### 4-(2-Amino-6-chloro-9H-purin-9-yl)butyl Acetate

Catalogue No.: **PA 16 92550**

CAS : **37-69-0**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>ClN<sub>5</sub>O<sub>2</sub>**

Molecular Weight : **283.71**



### (E)-2-(2-(2-((4-(2-Amino-6-chloro-9H-purin-9-yl)-2-formylbut-1-en-1-yl)amino)-6-chloro-9H-purin-9-yl)ethyl)propane-1,3-diyl Diacetate

Catalogue No.: **PA 16 92560**

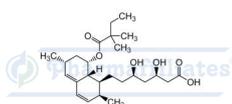
CAS : **NA**

Molecular Formula : **C<sub>24</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>10</sub>O<sub>5</sub>**

Molecular Weight : **605.43**

# Simvastatin

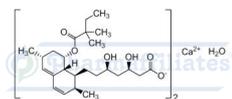
Simvastatin is used along with exercise, diet, and weight loss to decrease elevated lipid levels. Simvastatin, marketed under the trade name Zocor. It is available as a generic medication. Reference standards of Simvastatin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



## Simvastatin - Impurity A (Freebase)

Catalogue No.: **PA 19 11011** CAS : **121009-77-6** Molecular Formula : **C<sub>25</sub>H<sub>40</sub>O<sub>6</sub>** Molecular Weight : **436.58**

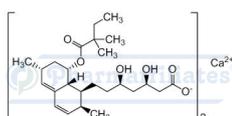
[SIMILAR PRODUCTS](#) ▼



## Simvastatin - Impurity A (Calcium Calcium Hydrate Salt)

Catalogue No.: **PA 19 11012** CAS : **530112-57-3** Molecular Formula : **C<sub>50</sub>H<sub>80</sub>CaO<sub>13</sub>** Molecular Weight : **929.24**

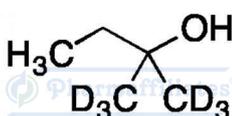
[SIMILAR PRODUCTS](#) ▼



## Simvastatin - Impurity A (Calcium Calcium Salt)

Catalogue No.: **PA 19 11013** CAS : **151006-18-7** Molecular Formula : **C<sub>50</sub>H<sub>78</sub>CaO<sub>12</sub>** Molecular Weight : **911.23**

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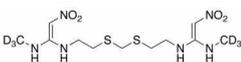


## 1,1-Dimethyl-1-propanol-d6

Catalogue No.: **PA STI 034170** CAS : **75295-95-3** Molecular Formula : **C<sub>5</sub>H<sub>6</sub>D<sub>6</sub>O** Molecular Weight : **94.19**

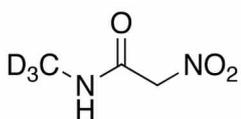
# Ranitidine

An H2 histamine receptor antagonist, Ranitidine is used in the treatment of peptic ulcer disease and gastroesophageal reflux disease. It works by blocking histamine and decreasing the amount of acid released by cells of the stomach. Reference standards of Ranitidine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



## 1,1'-N-[Methylenebis(sulphanediethylene)]bis(N'-methyl-2-nitroethene-1,1-diamine-d6)

Catalogue No.: **PA STI 061450** CAS : **1331643-21-0** Molecular Formula : **C<sub>11</sub>H<sub>16</sub>D<sub>6</sub>N<sub>6</sub>O<sub>4</sub>S<sub>2</sub>** Molecular Weight : **372.50**

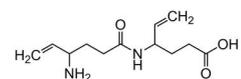


## N-Methylnitroacetamide-d3

Catalogue No.: **PA STI 062950** CAS : **1795020-80-2** Molecular Formula : **C<sub>3</sub>H<sub>3</sub>D<sub>3</sub>N<sub>2</sub>O<sub>3</sub>** Molecular Weight : **121.11**

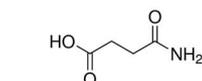
# Vigabatrin

Vigabatrin is used to treat babies, one month to 2 years old who have a condition known as infantile spasms. It is brand name Sabril. Reference standards of Vigabatrin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



## Vigabatrin - Impurity F

Catalogue No.: **PA 22 22060** CAS : **794466-81-2** Molecular Formula : **C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>** Molecular Weight : **240.30**

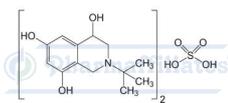


## Succinamic Acid

Catalogue No.: **PA 22 22520** CAS : **638-32-4** Molecular Formula : **C<sub>4</sub>H<sub>7</sub>NO<sub>3</sub>** Molecular Weight : **117.1**

## Terbutaline Hemisulfate Salt

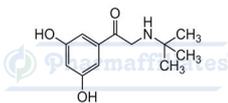
A  $\beta_2$  adrenergic receptor agonist used as a bronchodilator and as a tocolytic[4] to delay premature labor. Reference standards of Terbutaline Hemisulfate Salt API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Terbutaline - Impurity B

Catalogue No.: **PA 20 13020** CAS : **2732347-49-6** Molecular Formula : **C<sub>13</sub>H<sub>19</sub>NO<sub>3</sub>·1/2H<sub>2</sub>O<sub>4</sub>S** Molecular Weight : **572.67**

[SIMILAR PRODUCTS](#)



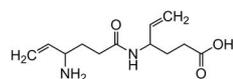
### Terbutaline - Impurity C

Catalogue No.: **PA 20 13030** CAS : **139508-58-0** Molecular Formula : **C<sub>12</sub>H<sub>17</sub>NO<sub>3</sub>** Molecular Weight : **223.27**

[SIMILAR PRODUCTS](#)

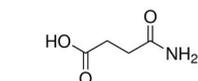
## Vigabatrin

Vigabatrin is used to treat babies, one month to 2 years old who have a condition known as infantile spasms. It is brand name Sabril. Reference standards of Vigabatrin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Vigabatrin - Impurity F

Catalogue No.: **PA 22 22060** CAS : **794466-81-2** Molecular Formula : **C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>** Molecular Weight : **240.30**



### Succinamic Acid

Catalogue No.: **PA 22 22520** CAS : **638-32-4** Molecular Formula : **C<sub>4</sub>H<sub>7</sub>NO<sub>3</sub>** Molecular Weight : **117.1**

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Россия +7(495)268-04-70

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Киргизия +996(312)96-26-47

эл.почта: [peb@nt-rt.ru](mailto:peb@nt-rt.ru) || сайт: <https://pharmaffiliates.nt-rt.ru/>