

# Основы и связанные с ними реагенты

## Технические характеристики

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Алматы (7273)495-231  
Ангарск (3955)60-70-56  
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Курск (4712)77-13-04  
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Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
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Якутск (4112)23-90-97  
Ярославль (4852)69-52-93

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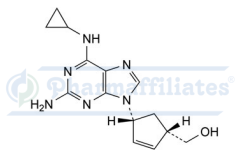
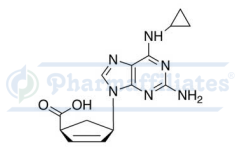
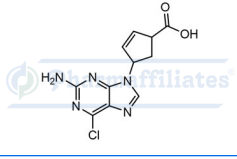
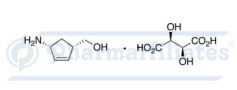
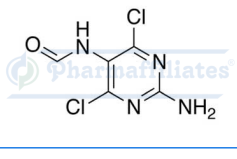
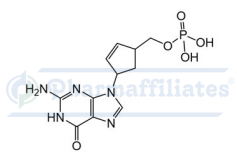
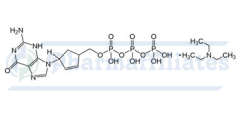
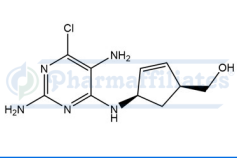
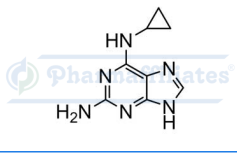
Казахстан +7(7172)727-132

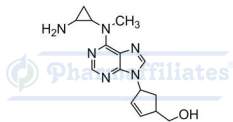
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эл.почта: [peb@nt-rt.ru](mailto:peb@nt-rt.ru) || сайт: <https://pharmaffiliates.nt-rt.ru/>

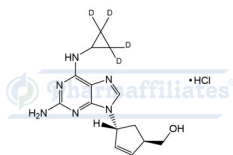
# Abacavir

Abacavir is a chiral purine carbocyclic nucleoside, which is a prodrug of the guanosine analog (-) carbovir, Abacavir or ABC is an antiretroviral medication used to prevent and treat HIV/AIDS. Reference standards of Abacavir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                             |                                                                                        |                                                                                                 |                                  |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------|
|             | <b>Abacavir - API Standards</b>                                                        |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01000</b>                                                           | CAS : <b>136470-78-5</b>                                                               | Molecular Formula : <b>C<sub>14</sub>H<sub>18</sub>N<sub>6</sub>O</b>                           | Molecular Weight : <b>286.33</b> |
| <b>SIMILAR PRODUCTS</b> ▼                                                                   |                                                                                        |                                                                                                 |                                  |
|             | <b>Abacavir Carboxylate</b>                                                            |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01550</b>                                                           | CAS : <b>384380-52-3</b>                                                               | Molecular Formula : <b>C<sub>14</sub>H<sub>16</sub>N<sub>6</sub>O<sub>2</sub></b>               | Molecular Weight : <b>300.32</b> |
|             | <b>rel-(1R,4S)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-carboxylic Acid</b> |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01590</b>                                                           | CAS : <b>1246819-78-2</b>                                                              | Molecular Formula : <b>C<sub>11</sub>H<sub>10</sub>ClN<sub>5</sub>O<sub>2</sub></b>             | Molecular Weight : <b>279.68</b> |
|             | <b>(1S,4R)-cis-4-Amino-2-cyclopentene-1-methanol D-Tartrate</b>                        |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01600</b>                                                           | CAS : <b>229177-52-0</b>                                                               | Molecular Formula : <b>C<sub>10</sub>H<sub>17</sub>NO<sub>7</sub></b>                           | Molecular Weight : <b>263.24</b> |
|           | <b>N-(2-Amino-4,6-dichloro-5-pyrimidinyl)formamide</b>                                 |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01610</b>                                                           | CAS : <b>171887-03-9</b>                                                               | Molecular Formula : <b>C<sub>5</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>4</sub>O</b>               | Molecular Weight : <b>207.02</b> |
|           | <b>Carbovir Monophosphate</b>                                                          |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01640</b>                                                           | CAS : <b>144490-73-3</b>                                                               | Molecular Formula : <b>C<sub>11</sub>H<sub>14</sub>N<sub>5</sub>O<sub>5</sub>P</b>              | Molecular Weight : <b>327.23</b> |
|           | <b>Carbovir Triphosphate Triethylamine Salt</b>                                        |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01650</b>                                                           | CAS : <b>1391048-07-9</b>                                                              | Molecular Formula : <b>C<sub>17</sub>H<sub>31</sub>N<sub>6</sub>O<sub>11</sub>P<sub>3</sub></b> | Molecular Weight : <b>487.19</b> |
| <b>SIMILAR PRODUCTS</b> ▼                                                                   |                                                                                        |                                                                                                 |                                  |
|           | <b>(1S,4R)-4-[(2,5-Diamino-6-chloro-4-pyrimidinyl)amino]-2-cyclopentene-1-methanol</b> |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01660</b>                                                           | CAS : <b>141271-12-7</b>                                                               | Molecular Formula : <b>C<sub>10</sub>H<sub>14</sub>ClN<sub>5</sub>O</b>                         | Molecular Weight : <b>255.7</b>  |
|           | <b>Cyclopropyldiaminopurine Abacavir</b>                                               |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01690</b>                                                           | CAS : <b>120503-69-7</b>                                                               | Molecular Formula : <b>C<sub>8</sub>H<sub>10</sub>N<sub>6</sub></b>                             | Molecular Weight : <b>190.21</b> |
| <b>((4-(2-Amino-6-cyclopropyl(methyl) amino)-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol</b> |                                                                                        |                                                                                                 |                                  |
| Catalogue No.: <b>PA 01 01750</b>                                                           | CAS : <b>NA</b>                                                                        | Molecular Formula : <b>C<sub>15</sub>H<sub>20</sub>N<sub>6</sub>O</b>                           | Molecular Weight : <b>300.36</b> |

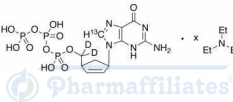


### trans-Abacavir-d4 Hydrochloride



Catalogue No.: **PA STI 001020** CAS : **1346605-40-0** Molecular Formula : **C<sub>14</sub>H<sub>15</sub>D<sub>4</sub>CIN<sub>6</sub>O** Molecular Weight : **326.82**

### Carbovir-13C,d2 Triphosphate Triethylamine Salt

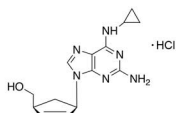


Catalogue No.: **PA STI 017680** CAS : **NA** Molecular Formula : **C<sub>1013</sub>CH<sub>14</sub>D<sub>2</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>•xC<sub>6</sub>H<sub>15</sub>N** Molecular Weight : **490.2**

## Abacavir Hydrochloride

Abacavir Hydrochloride is a chiral purine carbocyclic nucleoside, which is a prodrug of the guanosine analog (-) carbovir, Abacavir Hydrochloride or ABC is an antiretroviral medication used to prevent and treat HIV/AIDS. Reference standards of Abacavir Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

### Abacavir Hydrochloride - API Standards



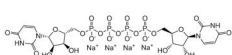
Catalogue No.: **PA 28 91000** CAS : **136777-48-5** Molecular Formula : **C<sub>14</sub>H<sub>19</sub>CIN<sub>6</sub>O** Molecular Weight : **322.79**

**SIMILAR PRODU**

## Diquafosol Tetrasodium

Diquafosol Tetrasodium is a pharmaceutical drug for the treatment of dry eye disease.. Reference standards of Diquafosol Tetrasodium API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

### Diquafosol Tetrasodium - API Standards

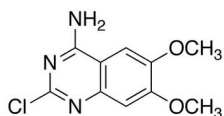


Catalogue No.: **PA 31 40000** CAS : **211427-08-6** Molecular Formula : **C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>Na<sub>4</sub>O<sub>23</sub>P<sub>4</sub>** Molecular Weight : **878.23**

## Doxazosin Mesylate

A mesylate form of Doxazocin, which is an α1-selective alpha blocker, Doxazocin is used for the treatment of high blood pressure. It is a derivative of quinazoline.. Reference standards of Doxazosin Mesylate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

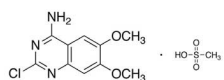
### Doxazosin Mesylate - Impurity F



Catalogue No.: **PA 04 44060** CAS : **23680-84-4** Molecular Formula : **C<sub>10</sub>H<sub>10</sub>CIN<sub>3</sub>O<sub>2</sub>** Molecular Weight : **239.66**

**SIMILAR PRODUCTS** ▼

### Doxazosin Mesylate - Impurity F (Mesylate Salt)



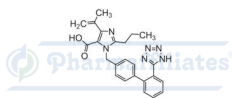
Catalogue No.: **PA 04 44061** CAS : **2727065-71-4** Molecular Formula : **C<sub>11</sub>H<sub>14</sub>CIN<sub>3</sub>O<sub>5</sub>S** Molecular Weight : **335.76**

**SIMILAR PRODUCT**

# Olmesartan Dehydro

It is a derivative of Olmesartan. Olmesartan is an antihypertensive agent, which belongs to the class of medications called angiotensin II receptor blockers. Reference standards of Olmesartan Dehydro API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Olmesartan Dehydro - API Standards



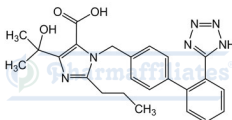
Catalogue No.: **PA 15 04000**

CAS : **172875-98-8**

Molecular Formula : **C<sub>24</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>**

Molecular Weight : **428.49**

## Olmesartan Medoxomil - Impurity A



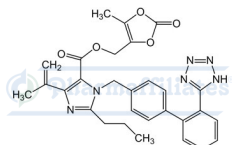
Catalogue No.: **PA 15 04010**

CAS : **144689-24-7**

Molecular Formula : **C<sub>24</sub>H<sub>26</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **446.50**

## Olmesartan Medoxomil - Impurity C



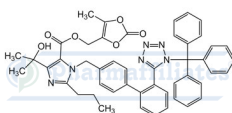
Catalogue No.: **PA 15 04030**

CAS : **879562-26-2**

Molecular Formula : **C<sub>29</sub>H<sub>28</sub>N<sub>6</sub>O<sub>5</sub>**

Molecular Weight : **540.57**

## Olmesartan Medoxomil - Impurity D



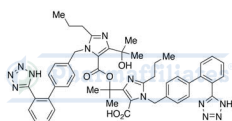
Catalogue No.: **PA 15 04040**

CAS : **1020157-01-0**

Molecular Formula : **C<sub>48</sub>H<sub>44</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **800.90**

## Olmesartan Dimer Ester Impurity



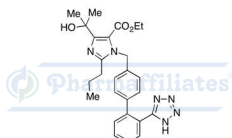
Catalogue No.: **PA 15 04510**

CAS : **1040250-19-8**

Molecular Formula : **C<sub>48</sub>H<sub>50</sub>N<sub>12</sub>O<sub>5</sub>**

Molecular Weight : **874.99**

## Olmesartan Ethyl Ester



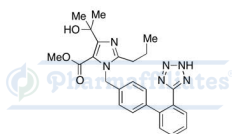
Catalogue No.: **PA 15 04520**

CAS : **144689-23-6**

Molecular Formula : **C<sub>26</sub>H<sub>30</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **474.57**

## Olmesartan Methyl Ester



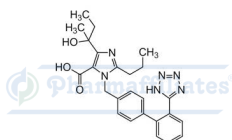
Catalogue No.: **PA 15 04530**

CAS : **1347262-29-6**

Molecular Formula : **C<sub>25</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **460.53**

## Olmesartan Desmethyl



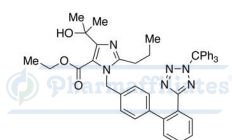
Catalogue No.: **PA 15 04600**

CAS : **144689-29-2**

Molecular Formula : **C<sub>25</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **460.53**

## N-Trityl Olmesartan Ethyl Ester



Catalogue No.: **PA 15 04650**

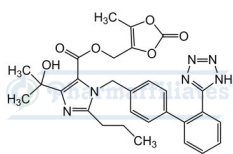
CAS : **172875-59-1**

Molecular Formula : **C<sub>45</sub>H<sub>44</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **716.87**

# Olmesartan Medoxomil

Olmesartan Medoxomil which is an impurity formed during the synthesis of Olmesartan, an angiotensin II receptor blocker. Reference standards of Olmesartan Medoxomil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



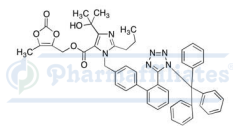
## Olmesartan Medoxomil - API Standards

Catalogue No.: **PA 15 26000**

CAS : **144689-63-4**

Molecular Formula : **C<sub>29</sub>H<sub>30</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **558.59**



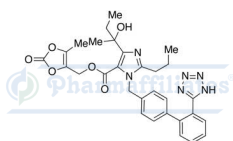
## N-1 Trityl Olmesartan Medoxomil

Catalogue No.: **PA 15 26580**

CAS : **144690-92-6**

Molecular Formula : **C<sub>48</sub>H<sub>44</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **800.9**



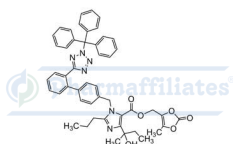
## Ethyl Olmesartan Medoxomil

Catalogue No.: **PA 15 26590**

CAS : **1378863-74-1**

Molecular Formula : **C<sub>30</sub>H<sub>32</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **572.61**



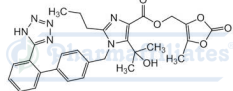
## (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-(2-hydroxybutan-2-yl)-2-propyl-1-((2'-(2-trityl-2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl)methyl)-1H-imidazole-5-carboxylate

Catalogue No.: **PA 15 26620**

CAS : **NA**

Molecular Formula : **C<sub>49</sub>H<sub>46</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **814.93**



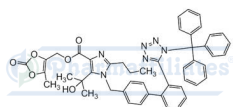
## (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 1-((2'-(1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-5-(2-hydroxypropan-2-yl)-2-propyl-1H-imidazole-4-carboxylate

Catalogue No.: **PA 15 26640**

CAS : **1048948-20-4**

Molecular Formula : **C<sub>29</sub>H<sub>30</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **558.59**



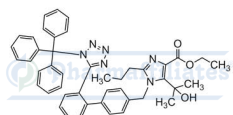
## (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 5-(2-hydroxypropan-2-yl)-2-propyl-1-((2'-(1-trityl-1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-imidazole-4-carboxylate

Catalogue No.: **PA 15 26650**

CAS : **1203671-69-5**

Molecular Formula : **C<sub>48</sub>H<sub>44</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **800.9**



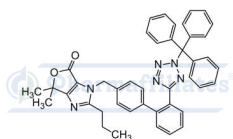
## Ethyl 5-(2-hydroxypropan-2-yl)-2-propyl-1-((2'-(1-trityl-1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-imidazole-4-carboxylate

Catalogue No.: **PA 15 26660**

CAS : **NA**

Molecular Formula : **C<sub>45</sub>H<sub>44</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **716.87**



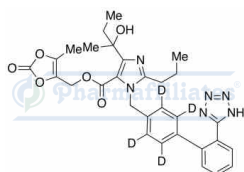
## 3,6-Dihydro-6,6-dimethyl-2-propyl-3-[[2'-(2-(triphenylmethyl)-2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-4H-furo[3,4-d]imidazol-4-one

Catalogue No.: **PA 15 26680**

CAS : **1048948-15-7**

Molecular Formula : **C<sub>43</sub>H<sub>38</sub>N<sub>6</sub>O<sub>2</sub>**

Molecular Weight : **670.8**

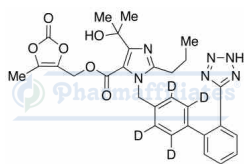


### Ethyl Olmesartan Medoxomil-d4

Catalogue No.: **PA STI 039850** CAS : **NA**

Molecular Formula : **C<sub>30</sub>H<sub>28</sub>D<sub>4</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **576.64**

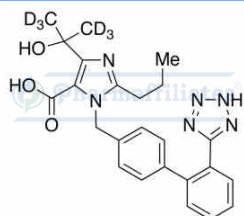


### Olmesartan-d4 Medoxomil

Catalogue No.: **PA STI 070080** CAS : **1127298-55-8**

Molecular Formula : **C<sub>29</sub>H<sub>26</sub>D<sub>4</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **562.61**

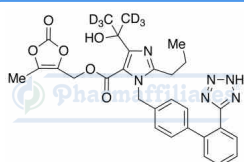


### Olmesartan-d6 Acid

Catalogue No.: **PA STI 070090** CAS : **1185144-74-4**

Molecular Formula : **C<sub>24</sub>H<sub>20</sub>D<sub>6</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **452.54**

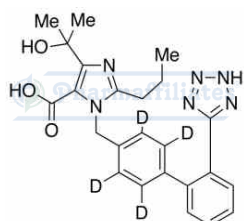


### Olmesartan Medoxomil-d6

Catalogue No.: **PA STI 070100** CAS : **1127298-67-2**

Molecular Formula : **C<sub>29</sub>H<sub>24</sub>D<sub>6</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **564.62**

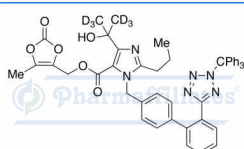


### Olmesartan-d4 Acid

Catalogue No.: **PA STI 070110** CAS : **1420880-41-6**

Molecular Formula : **C<sub>24</sub>H<sub>22</sub>D<sub>4</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **450.53**

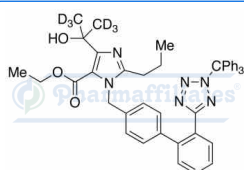


### Trityl Olmesartan-d6 Medoxomil

Catalogue No.: **PA STI 085870** CAS : **NA**

Molecular Formula : **C<sub>48</sub>H<sub>38</sub>D<sub>6</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **806.94**

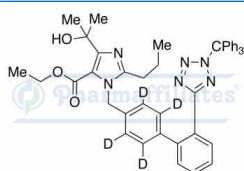


### N-Trityl Olmesartan-d6 Ethyl Ester

Catalogue No.: **PA STI 085880** CAS : **NA**

Molecular Formula : **C<sub>45</sub>H<sub>38</sub>D<sub>6</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **722.91**

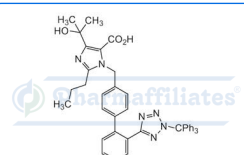


### N-Trityl Olmesartan-d4 Ethyl Ester

Catalogue No.: **PA STI 085890** CAS : **NA**

Molecular Formula : **C<sub>45</sub>H<sub>40</sub>D<sub>4</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **720.89**



### N2-Trityl Olmesartan Acid

Catalogue No.: **PA 15 26760** CAS : **752179-89-8**

Molecular Formula : **C<sub>43</sub>H<sub>40</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **688.82**

### Ethyl 4-(1-methylethenyl)-2-propyl-1-[[2'-[1-(triphenylmethyl)-1H-tetrazol-5-yl][1,1'-biphenyl]-4-yl]methyl]-1H-imidazole-5-carboxylate

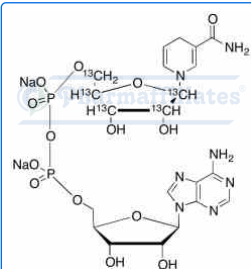
Catalogue No.: **PA 15 0261014** CAS : **157356-74-6**

Molecular Formula : **C<sub>45</sub>H<sub>42</sub>N<sub>6</sub>O<sub>2</sub>**

Molecular Weight : **698.87**

# Nicotinic Acid

Nicotinic Acid is used in cosmetics and personal care products. It helps to restore suppleness and reduce flaking of dry skin of face and neck. Reference standards of Nicotinic Acid API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

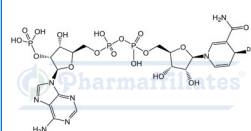


## $\beta$ -NADH-13C5 Disodium Salt

Catalogue No.: **PA STI 066650** CAS : **NA**

Molecular Formula  
: **C<sub>1613</sub>H<sub>27</sub>N<sub>7</sub>Na<sub>2</sub>O<sub>14</sub>P<sub>2</sub>**

Molecular Weight : **714.37**

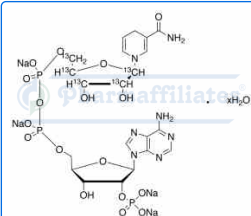


## $\beta$ -NADPH-D Discontinued

Catalogue No.: **PA STI 066660** CAS : **74784-45-5**

Molecular Formula : **C<sub>21</sub>H<sub>29</sub>DN<sub>7</sub>O<sub>17</sub>P<sub>3</sub>**

Molecular Weight : **746.43**

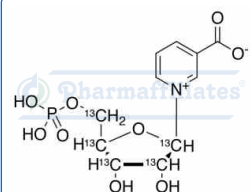


## $\beta$ -NADPH-13C5 Tetrasodium Salt Hydrate

Catalogue No.: **PA STI 066670** CAS : **NA**

Molecular Formula  
: **C<sub>1613</sub>H<sub>26</sub>N<sub>7</sub>Na<sub>4</sub>O<sub>17</sub>P<sub>3</sub> • xH<sub>2</sub>O**

Molecular Weight : **838.31**

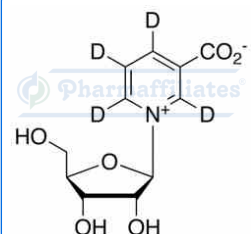


## $\beta$ -Nicotinic Acid Mononucleotide-13C5

Catalogue No.: **PA STI 067660** CAS : **NA**

Molecular Formula : **C<sub>613</sub>H<sub>5</sub>H<sub>14</sub>NO<sub>9</sub>P**

Molecular Weight : **339.17**

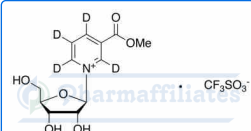


## Nicotinic Acid-d4 Riboside

Catalogue No.: **PA STI 067670** CAS : **NA**

Molecular Formula : **C<sub>11</sub>H<sub>9</sub>D<sub>4</sub>NO<sub>6</sub>**

Molecular Weight : **259.25**



## Nicotinic Acid Riboside-d4 Methyl Ester Triflate

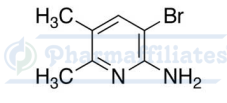
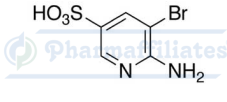
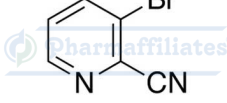
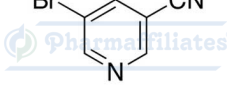
Catalogue No.: **PA STI 067680** CAS : **NA**

Molecular Formula : **C<sub>13</sub>H<sub>12</sub>D<sub>4</sub>F<sub>3</sub>NO<sub>9</sub>S**

Molecular Weight : **423.35**

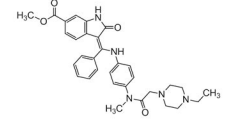
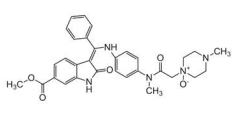
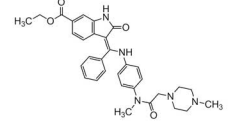
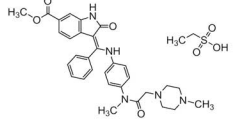
## Bromopride

Bromopride is not available in the United States. It is a dopamine antagonist with prokinetic properties widely used as an antiemetic, closely related to metoclopramide. Reference standards of Bromopride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

|                                                                                   |                                                |                                   |                          |                                                                                    |                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------|------------------------------------------------------------------------------------|----------------------------------|
|  | <b>2-Amino-3-bromo-5,6-dimethylpyridine</b>    | Catalogue No.: <b>PA 02 51520</b> | CAS : <b>161091-49-2</b> | Molecular Formula : <b>C<sub>7</sub>H<sub>9</sub>BrN<sub>2</sub></b>               | Molecular Weight : <b>201.06</b> |
|  | <b>2-Amino-3-bromopyridine-5-sulfonic Acid</b> | Catalogue No.: <b>PA 02 51560</b> | CAS : <b>247582-62-3</b> | Molecular Formula : <b>C<sub>5</sub>H<sub>5</sub>BrN<sub>2</sub>O<sub>3</sub>S</b> | Molecular Weight : <b>253.07</b> |
|  | <b>3-Bromo-2-cyanopyridine</b>                 | Catalogue No.: <b>PA 02 51620</b> | CAS : <b>55758-02-6</b>  | Molecular Formula : <b>C<sub>6</sub>H<sub>3</sub>BrN<sub>2</sub></b>               | Molecular Weight : <b>183.01</b> |
|  | <b>3-Bromo-5-cyanopyridine</b>                 | Catalogue No.: <b>PA 02 51630</b> | CAS : <b>35590-37-5</b>  | Molecular Formula : <b>C<sub>6</sub>H<sub>3</sub>BrN<sub>2</sub></b>               | Molecular Weight : <b>183.01</b> |

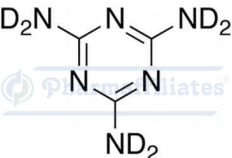
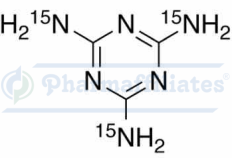
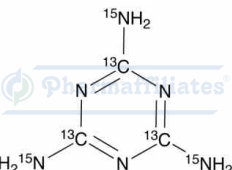
## Nintedanib

A Nintedanib is used in the treatment of pulmonary fibrosis, systemic sclerosis-associated interstitial lung disease, and non-small cell lung cancer. It is a small molecule kinase inhibitor. Reference standards of Nintedanib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                     |                                                                                                                                                      |                                   |                           |                                                                                    |                                  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------|------------------------------------------------------------------------------------|----------------------------------|
|  | <b>Methyl (3Z)-3-(((4-[2-(4-ethylpiperazin-1-yl)-N-methylacetamido]phenyl)amino)(phenyl)methylidene]-2-oxo-2,3-dihydro-1H-indole-6-carboxylate</b>   | Catalogue No.: <b>PA 14 54590</b> | CAS : <b>NA</b>           | Molecular Formula : <b>C<sub>32</sub>H<sub>35</sub>N<sub>5</sub>O<sub>4</sub></b>  | Molecular Weight : <b>553.65</b> |
|  | <b>(Z)-1-(2-(((4-(((6-(Methoxycarbonyl)-2-oxoindolin-3-ylidene)(phenyl)methyl)amino)phenyl)(methyl)amino)-2-oxoethyl)-4-methylpiperazine 1-oxide</b> | Catalogue No.: <b>PA 14 54600</b> | CAS : <b>NA</b>           | Molecular Formula : <b>C<sub>31</sub>H<sub>33</sub>N<sub>5</sub>O<sub>5</sub></b>  | Molecular Weight : <b>555.62</b> |
|  | <b>Ethyl (3Z)-3-(((4-[N-methyl-2-(4-methylpiperazin-1-yl)acetamido]phenyl)amino)(phenyl)methylidene]-2-oxo-2,3-dihydro-1H-indole-6-carboxylate</b>   | Catalogue No.: <b>PA 14 54610</b> | CAS : <b>1139455-52-9</b> | Molecular Formula : <b>C<sub>32</sub>H<sub>35</sub>N<sub>5</sub>O<sub>4</sub></b>  | Molecular Weight : <b>553.65</b> |
|  | <b>Nintedanib Esylate - API Standards</b>                                                                                                            | Catalogue No.: <b>PA 14 54620</b> | CAS : <b>656247-18-6</b>  | Molecular Formula : <b>C<sub>33</sub>H<sub>39</sub>N<sub>5</sub>O<sub>7</sub>S</b> | Molecular Weight : <b>649.76</b> |

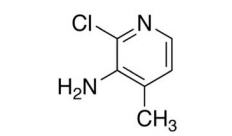
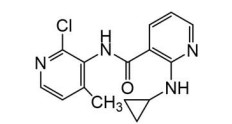
## Melamine

Melamine is often combined with formaldehyde. Its uses include whiteboards, floor tiles, kitchenware, fire retardant fabrics and commercial filters. It is sometimes illegally added to food products in order to increase the apparent protein content. Reference standards of Melamine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                   |                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Melamine-d6</b><br>Catalogue No.: <b>PA STI 058090</b> CAS : <b>13550-89-5</b> Molecular Formula : <b>C<sub>3</sub>D<sub>6</sub>N<sub>6</sub></b> Molecular Weight : <b>132.16</b>                                      |
|  | <b>Melamine-15N3</b><br>Catalogue No.: <b>PA STI 058100</b> CAS : <b>287476-11-3</b> Molecular Formula : <b>C<sub>3</sub>H<sub>6</sub>N<sub>315</sub>N<sub>3</sub></b> Molecular Weight : <b>129.1</b>                     |
|  | <b>Melamine-13C3,15N3</b><br>Catalogue No.: <b>PA STI 058110</b> CAS : <b>1246816-14-7</b> Molecular Formula : <b><sup>13</sup>C<sub>3</sub>H<sub>6</sub>N<sub>315</sub>N<sub>3</sub></b> Molecular Weight : <b>132.08</b> |

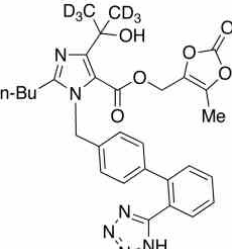
## Nevirapine

An antiretroviral drug which is used for the treatment of HIV/AIDS. Nevirapine is a non-nucleoside reverse transcriptase inhibitor and it works by blocking the function of reverse transcriptase. Reference standards of Nevirapine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                     |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>3-Amino-2-chloro-4-methylpyridine</b><br>Catalogue No.: <b>PA 14 16510</b> CAS : <b>133627-45-9</b> Molecular Formula : <b>C<sub>6</sub>H<sub>7</sub>ClN<sub>2</sub></b> Molecular Weight : <b>142.59</b>                                                 |
|  | <b>N-(2-Chloro-4-Methyl-3-Pyridinyl)-2-(Cyclopropyl Amino)-3-Pyridine Carboxamide</b><br>Catalogue No.: <b>PA 14 16520</b> CAS : <b>133627-47-1</b> Molecular Formula : <b>C<sub>15</sub>H<sub>15</sub>ClN<sub>4</sub>O</b> Molecular Weight : <b>302.76</b> |

## Olmesartan

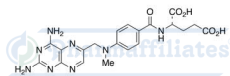
It is a derivative of Olmesartan. Olmesartan is an antihypertensive agent, which belongs to the class of medications called angiotensin II receptor blocker. Reference standards of Olmesartan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                     |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>n-Butyl Olmesartan Medoxomil-d6</b><br>Catalogue No.: <b>PA STI 016630</b> CAS : <b>NA</b> Molecular Formula : <b>C<sub>30</sub>H<sub>26</sub>D<sub>6</sub>N<sub>6</sub>O<sub>6</sub></b> Molecular Weight : <b>578.65</b> |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Methotrexate

An antimetabolite of the antifolate type, Methotrexate is an chemotherapy drug and used for treating autoimmune diseases like psoriasis, rheumatoid arthritis. It causes life threatening side effects. Reference standards of Methotrexate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

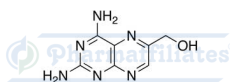
## Methotrexate - API Standards



Catalogue No.: **PA 13 28000** CAS : **59-05-2** Molecular Formula : **C<sub>20</sub>H<sub>22</sub>N<sub>8</sub>O<sub>5</sub>** Molecular Weight : **454.44**

**SIMILAR PRODUCTS** ▼

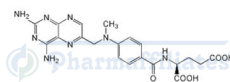
## Methotrexate - Impurity A (Freebase)



Catalogue No.: **PA 13 28010** CAS : **945-24-4** Molecular Formula : **C<sub>7</sub>H<sub>8</sub>N<sub>6</sub>O** Molecular Weight : **192.18**

**SIMILAR PRODUCTS** ▼

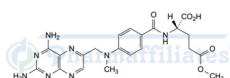
## Methotrexate - Impurity F (Freebase)



Catalogue No.: **PA 13 28060** CAS : **51865-79-3** Molecular Formula : **C<sub>20</sub>H<sub>22</sub>N<sub>8</sub>O<sub>5</sub>** Molecular Weight : **454.44**

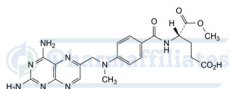
**SIMILAR PRODUCTS** ▼

## Methotrexate - Impurity H (Freebase)



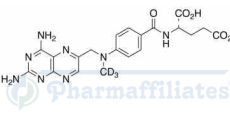
Catalogue No.: **PA 13 28080** CAS : **67022-39-3** Molecular Formula : **C<sub>21</sub>H<sub>24</sub>N<sub>8</sub>O<sub>5</sub>** Molecular Weight : **468.47**

## Methotrexate - Impurity I (Freebase)



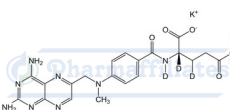
Catalogue No.: **PA 13 28090** CAS : **66147-29-3** Molecular Formula : **C<sub>21</sub>H<sub>24</sub>N<sub>8</sub>O<sub>5</sub>** Molecular Weight : **468.47**

## Methotrexate-d3



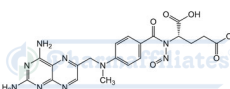
Catalogue No.: **PA STI 059080** CAS : **432545-63-6** Molecular Formula : **C<sub>20</sub>H<sub>19</sub>D<sub>3</sub>N<sub>8</sub>O<sub>5</sub>** Molecular Weight : **457.46**

## DL-Methotrexate-d3 Dipotassium Salt



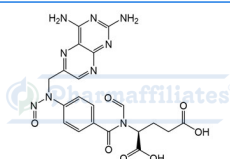
Catalogue No.: **PA STI 059090** CAS : **NA** Molecular Formula : **C<sub>20</sub>H<sub>17</sub>D<sub>3</sub>K<sub>2</sub>N<sub>8</sub>O<sub>5</sub>** Molecular Weight : **533.64**

## N-(4-(((2,4-Diaminopteridin-6-yl)methyl)(methyl)amino)benzoyl)-N-nitroso-L-glutamic Acid



Catalogue No.: **PA 13 0281032** CAS : **NA** Molecular Formula : **C<sub>20</sub>H<sub>21</sub>N<sub>9</sub>O<sub>6</sub>** Molecular Weight : **483.45**

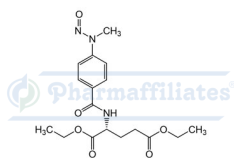
## N-(4-(((2,4-Diaminopteridin-6-yl)methyl)(nitroso)amino)benzoyl)-N-formyl-L-glutamic Acid



Catalogue No.: **PA 13 0281033** CAS : **NA** Molecular Formula : **C<sub>20</sub>H<sub>19</sub>N<sub>9</sub>O<sub>7</sub>** Molecular Weight : **497.43**

## Diethyl (4-(methyl(nitroso)amino)benzoyl)-D-glutamate

Catalogue No.: **PA 13 0281034** CAS : **NA** Molecular Formula : **C<sub>17</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub>** Molecular Weight : **365.39**



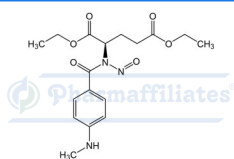
### Diethyl N-(4-(methylamino)benzoyl)-N-nitroso-D-glutamate

Catalogue No.: **PA 13 0281035**

CAS : **NA**

Molecular Formula : **C<sub>17</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub>**

Molecular Weight : **365.39**



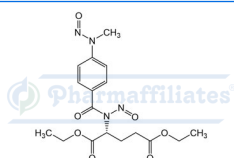
### Diethyl N-(4-(methyl(nitroso)amino)benzoyl)-N-nitroso-D-glutamate

Catalogue No.: **PA 13 0281036**

CAS : **NA**

Molecular Formula : **C<sub>17</sub>H<sub>22</sub>N<sub>4</sub>O<sub>7</sub>**

Molecular Weight : **394.38**



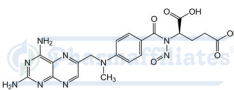
### N-(4-(((2,4-Diaminopteridin-6-yl)methyl)(methyl)amino)benzoyl)-N-nitroso-D-glutamic Acid

Catalogue No.: **PA 13 0281037**

CAS : **NA**

Molecular Formula : **C<sub>20</sub>H<sub>21</sub>N<sub>9</sub>O<sub>6</sub>**

Molecular Weight : **483.45**



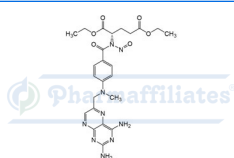
### Diethyl N-(4-(((2,4-diaminopteridin-6-yl)methyl)(methyl)amino)benzoyl)-N-nitroso-L-glutamate

Catalogue No.: **PA 13 0281038**

CAS : **NA**

Molecular Formula : **C<sub>24</sub>H<sub>29</sub>N<sub>9</sub>O<sub>6</sub>**

Molecular Weight : **539.55**



## Minoxidil

An over the counter medicine, Minoxidil is used for the treatment of androgenic alopecia. It is an antihypertensive vasodilator medication that promote hair growth and it is a potassium channel opener, causing hyperpolarization of cell membranes. Reference standards of Minoxidil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

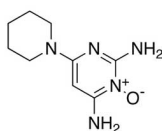
### Minoxidil - API Standards

Catalogue No.: **PA 13 46000**

CAS : **38304-91-5**

Molecular Formula : **C<sub>9</sub>H<sub>15</sub>N<sub>5</sub>O**

Molecular Weight : **209.25**



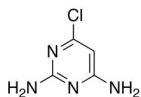
### Minoxidil - Impurity B

Catalogue No.: **PA 13 46020**

CAS : **156-83-2**

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

Molecular Weight : **144.56**



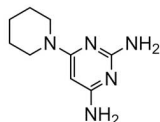
### Minoxidil - Impurity E (Freebase)

Catalogue No.: **PA 13 46050**

CAS : **24867-26-3**

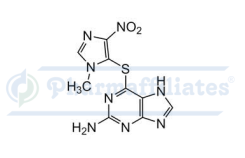
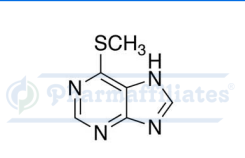
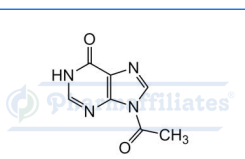
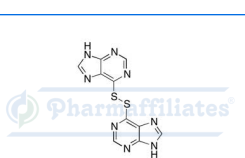
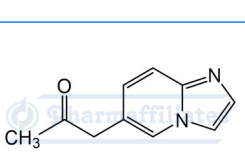
Molecular Formula : **C<sub>9</sub>H<sub>15</sub>N<sub>5</sub>**

Molecular Weight : **193.25**



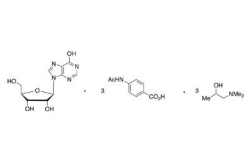
## Azathioprine

Azathioprine is used alone or in combination with other immunosuppressive therapy to prevent rejection following organ transplantation. Azathioprine (AZA), sold under the brand name Imuran among others, is an immunosuppressive medication. Reference standards of Azathioprine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                    |                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>Azathioprine - Impurity G</b><br>Catalogue No.: <b>PA 28 29070</b> CAS : <b>5581-52-2</b> Molecular Formula : <b>C<sub>9</sub>H<sub>8</sub>N<sub>8</sub>O<sub>2</sub>S</b> Molecular Weight : <b>292.28</b>        |
|    | <b>6-Methylmercaptapurine</b><br>Catalogue No.: <b>PA 28 29520</b> CAS : <b>50-66-8</b> Molecular Formula : <b>C<sub>8</sub>H<sub>6</sub>N<sub>4</sub>S</b> Molecular Weight : <b>166.2</b>                           |
|    | <b>N-Acetyl Hypoxanthine</b><br>Catalogue No.: <b>PA 28 29530</b> CAS : <b>408531-05-5</b> Molecular Formula : <b>C<sub>7</sub>H<sub>6</sub>N<sub>4</sub>O<sub>2</sub></b> Molecular Weight : <b>178.15</b>           |
|   | <b>6-Mercaptopurine Disulfide</b><br>Catalogue No.: <b>PA 28 29540</b> CAS : <b>49808-20-0</b> Molecular Formula : <b>C<sub>10</sub>H<sub>6</sub>N<sub>8</sub>S<sub>2</sub></b> Molecular Weight : <b>302.34</b>      |
|  | <b>1-Imidazo[1,2-a]pyridin-6-ylpropan-2-one</b><br>Catalogue No.: <b>PA 28 0291002</b> CAS : <b>116355-08-9</b> Molecular Formula : <b>C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O</b> Molecular Weight : <b>174.2</b> |

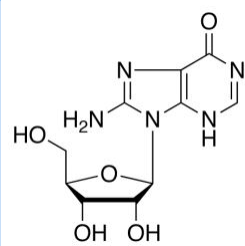
## Methisoprinol

Methisoprinol is a combination of inosine, acetamidobenzoic acid, and dimethylaminoisopropanol used as an antiviral drug. It is most commonly used to treat the rare measles complication subacute sclerosing panencephalitis in conjunction with intrathecal interferon therapy. Reference standards of Methisoprinol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                    |                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Methisoprinol - API Standards</b><br>Catalogue No.: <b>PA 13 78000</b> CAS : <b>36703-88-5</b> Molecular Formula : <b>C<sub>52</sub>H<sub>78</sub>N<sub>10</sub>O<sub>17</sub></b> Molecular Weight : <b>1115.23</b> |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

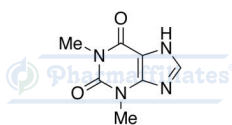
## Inosine

Inosine is a chemical that can be made in a laboratory. It is used as medicine. Reference standards of Inosine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                    |                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>8-Amino-Inosine</b><br>Catalogue No.: <b>PA 09 80510</b> CAS : <b>13389-16-7</b> Molecular Formula : <b>C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub></b> Molecular Weight : <b>283.24</b> |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Caffeine

Caffeine is a central nervous system stimulant of the methylxanthine class. It is used to restore mental alertness or wakefulness during fatigue or drowsiness.. Reference standards of Caffeine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



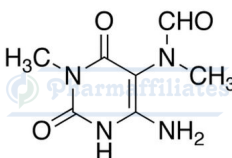
### Caffeine - Impurity A

Catalogue No.: **PA 03 04010**

CAS : **58-55-9**

Molecular Formula : **C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **180.16**



### 6-Amino-5-(N-formyl-N-methyl)-3-methyluracil

Catalogue No.: **PA 03 04530**

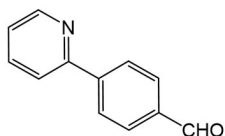
CAS : **55782-76-8**

Molecular Formula : **C<sub>7</sub>H<sub>10</sub>N<sub>4</sub>O<sub>3</sub>**

Molecular Weight : **198.18**

## 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 pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### Atazanavir Sulfate - Impurity B

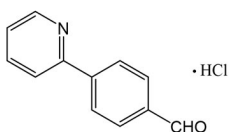
Catalogue No.: **PA 28 30530**

CAS : **127406-56-8**

Molecular Formula : **C<sub>12</sub>H<sub>9</sub>NO**

Molecular Weight : **183.21**

**SIMILAR PRODUCTS** ▼



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

Catalogue No.: **PA 28 0300021**

CAS : **2549012-96-4**

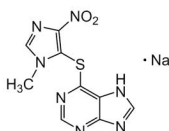
Molecular Formula : **C<sub>12</sub>H<sub>10</sub>ClNO**

Molecular Weight : **219.67**

**SIMILAR PRODUCTS** ▼

## Azathioprine Sodium

Azathioprine is converted into 6-mercaptopurine in the body where it blocks purine metabolism and DNA synthesis. Azathioprine is used alone or in combination with other immunosuppressive therapy to prevent rejection following organ transplantation. Reference standards of Azathioprine Sodium API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Azathioprine Sodium - API Standards

Catalogue No.: **PA 54 05000**

CAS : **55774-33-9**

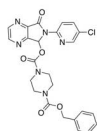
Molecular Formula : **C<sub>9</sub>H<sub>7</sub>N<sub>7</sub>NaO<sub>2</sub>S**

Molecular Weight : **300.25**

**SI**

## Benzyl Chloride

Benzyl Chloride is the precursor to benzyl esters, which are used as plasticizers, flavorants, and perfumes. It α-chlorotoluene, is an organic compound with the formula.. Reference standards of Benzyl Chloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### 1-Benzyl 4-[6-(5-Chloropyridin-2-yl)-7-oxo-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-yl]piperazine-1,4-dicarboxylate

Catalogue No.: **PA 02 20540**

CAS : **1076198-91-8**

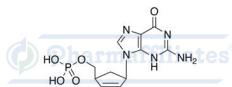
Molecular Formula : **C<sub>24</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>5</sub>**

Molecular Weight : **508.91**

# Carbovir Monophosphate

Carbovir Monophosphate is an organic phosphate that is the 5'-monophosphate of (-)-carbovir. Reference standards of Carbovir Monophosphate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Carbovir Monophosphate - API Standards



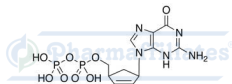
Catalogue No.: **PA 03 15000**

CAS : **144490-73-3**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>N<sub>5</sub>O<sub>5</sub>P**

Molecular Weight : **327.23**

## rac Carbovir Diphosphate Triammonium Salt



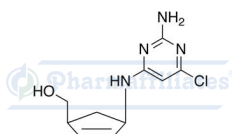
Catalogue No.: **PA 03 15510**

CAS : **144606-03-1**

Molecular Formula : **C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>8</sub>P<sub>2</sub>**

Molecular Weight : **407.21**

## (1R,4S)-rel-4-[(2-Amino-6-chloro-4-pyrimidinyl)amino]-2-cyclopentene-1-methanol



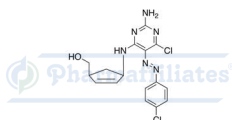
Catalogue No.: **PA 03 15550**

CAS : **122624-73-1**

Molecular Formula : **C<sub>10</sub>H<sub>13</sub>ClN<sub>4</sub>O**

Molecular Weight : **240.69**

## (1R,4S)-rel-4-[[2-Amino-6-chloro-5-[(4-chlorophenyl)azo]-4-pyrimidinyl]amino]-2-cyclopentene-1-methanol



Catalogue No.: **PA 03 15560**

CAS : **122624-75-3**

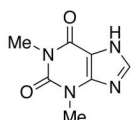
Molecular Formula : **C<sub>16</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>6</sub>O**

Molecular Weight : **379.24**

# Caffeine

Caffeine is a central nervous system stimulant of the methylxanthine class. It is used to restore mental alertness or wakefulness during fatigue or drowsiness.. Reference standards of Caffeine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

## Caffeine - Impurity A



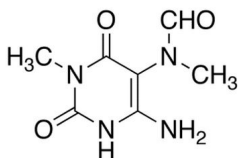
Catalogue No.: **PA 03 04010**

CAS : **58-55-9**

Molecular Formula : **C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **180.16**

## 6-Amino-5-(N-formyl-N-methyl)-3-methyluracil



Catalogue No.: **PA 03 04530**

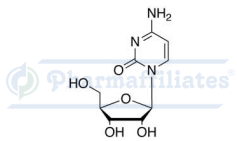
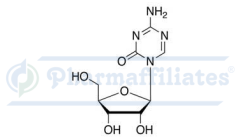
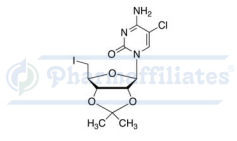
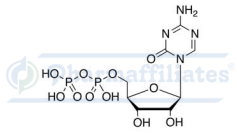
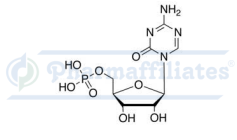
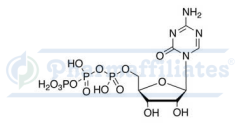
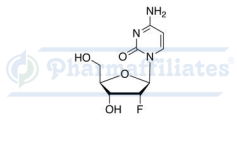
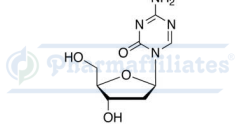
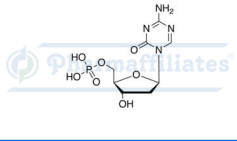
CAS : **55782-76-8**

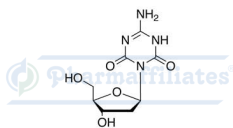
Molecular Formula : **C<sub>7</sub>H<sub>10</sub>N<sub>4</sub>O<sub>3</sub>**

Molecular Weight : **198.18**

# Cytidine

Cytidine also known as 5'-cytidylic acid or simply cytidylate, and abbreviated CMP, is a nucleotide that is used as a monomer in RNA. It is a nucleoside molecule.. Reference standards of Cytidine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

|                                                                                    |                                                                 |                          |                                                                                                |                                  |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------|----------------------------------|
|    | <b>Cytidine - API Standards</b>                                 |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87000</b>                               | CAS : <b>65-46-3</b>     | Molecular Formula : <b>C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub></b>               | Molecular Weight : <b>243.22</b> |
|    | <b>5-Azacytidine</b>                                            |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87520</b>                               | CAS : <b>320-67-2</b>    | Molecular Formula : <b>C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub></b>               | Molecular Weight : <b>244.2</b>  |
|    | <b>5'-Deoxy-5'-iodo-2',3'-O-isopropylidene-5-chlorocytidine</b> |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87530</b>                               | CAS : <b>NA</b>          | Molecular Formula : <b>C<sub>12</sub>H<sub>15</sub>ClIN<sub>3</sub>O<sub>4</sub></b>           | Molecular Weight : <b>427.62</b> |
|   | <b>5-Azacytidine 5'-Diphosphate</b>                             |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87540</b>                               | CAS : <b>2226-73-5</b>   | Molecular Formula : <b>C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub></b> | Molecular Weight : <b>404.16</b> |
|  | <b>5-Azacytidine 5'-Monophosphate</b>                           |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87550</b>                               | CAS : <b>2226-72-4</b>   | Molecular Formula : <b>C<sub>8</sub>H<sub>13</sub>N<sub>4</sub>O<sub>8</sub>P</b>              | Molecular Weight : <b>324.18</b> |
|  | <b>5-Azacytidine 5'-Triphosphate</b>                            |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87560</b>                               | CAS : <b>2226-74-6</b>   | Molecular Formula : <b>C<sub>8</sub>H<sub>15</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub></b> | Molecular Weight : <b>484.14</b> |
|  | <b>2'-Deoxy-2'-fluoro Cytidine</b>                              |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87570</b>                               | CAS : <b>10212-20-1</b>  | Molecular Formula : <b>C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub></b>              | Molecular Weight : <b>245.21</b> |
|  | <b>5-Aza-2'-deoxy Cytidine</b>                                  |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87580</b>                               | CAS : <b>2353-33-5</b>   | Molecular Formula : <b>C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub></b>               | Molecular Weight : <b>228.21</b> |
|  | <b>5-Aza-2'-deoxy Cytidine 5'-Monophosphate</b>                 |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87590</b>                               | CAS : <b>66642-55-5</b>  | Molecular Formula : <b>C<sub>8</sub>H<sub>13</sub>N<sub>4</sub>O<sub>7</sub>P</b>              | Molecular Weight : <b>308.19</b> |
|                                                                                    | <b>5-Aza-2'-deoxy-6-oxo Cytidine</b>                            |                          |                                                                                                |                                  |
|                                                                                    | Catalogue No.: <b>PA 03 87600</b>                               | CAS : <b>106966-55-6</b> | Molecular Formula : <b>C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub></b>               | Molecular Weight : <b>244.5</b>  |



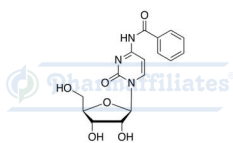
### N-Benzoylcytidine

Catalogue No.: **PA 03 87610**

CAS : **13089-48-0**

Molecular Formula : **C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub>**

Molecular Weight : **347.32**



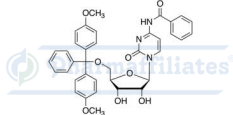
### N-Benzoyl-5'-(di-p-methoxytrityl)cytidine

Catalogue No.: **PA 03 87620**

CAS : **81246-76-6**

Molecular Formula : **C<sub>37</sub>H<sub>35</sub>N<sub>3</sub>O<sub>8</sub>**

Molecular Weight : **649.69**



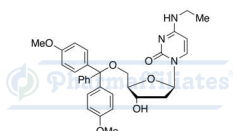
### 5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-ethylcytidine

Catalogue No.: **PA 03 87630**

CAS : **195535-75-2**

Molecular Formula : **C<sub>32</sub>H<sub>35</sub>N<sub>3</sub>O<sub>6</sub>**

Molecular Weight : **557.64**



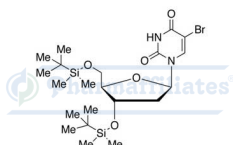
### 3',5'-Bis-O-(tert-butyldimethylsilyl)-5-bromo-2'-deoxyuridine

Catalogue No.: **PA 03 87640**

CAS : **154925-95-8**

Molecular Formula : **C<sub>21</sub>H<sub>39</sub>BrN<sub>2</sub>O<sub>5</sub>Si<sub>2</sub>**

Molecular Weight : **535.62**



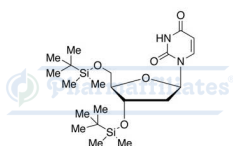
### 3',5'-Bis-O-(tert-butyldimethylsilyl)-2'-deoxyuridine

Catalogue No.: **PA 03 87650**

CAS : **64911-18-8**

Molecular Formula : **C<sub>21</sub>H<sub>40</sub>N<sub>2</sub>O<sub>5</sub>Si<sub>2</sub>**

Molecular Weight : **456.72**



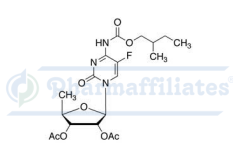
### 2',3'-Di-O-acetyl-5'-deoxy-5-fluoro-N-[(2-methylbutoxy)carbonyl]cytidine

Catalogue No.: **PA 03 87660**

CAS : **1341231-51-3**

Molecular Formula : **C<sub>19</sub>H<sub>26</sub>FN<sub>3</sub>O<sub>8</sub>**

Molecular Weight : **443.42**



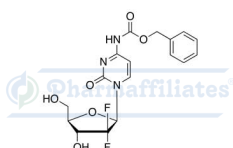
### N-Carboxybenzyl Gemcitabine

Catalogue No.: **PA 03 87670**

CAS : **138685-83-3**

Molecular Formula : **C<sub>17</sub>H<sub>17</sub>F<sub>2</sub>N<sub>3</sub>O<sub>6</sub>**

Molecular Weight : **397.33**



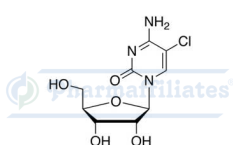
### 5-Chlorocytidine

Catalogue No.: **PA 03 87680**

CAS : **25130-29-4**

Molecular Formula : **C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **277.66**



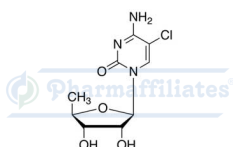
### 5-Chloro-5'-deoxycytidine

Catalogue No.: **PA 03 87690**

CAS : **31652-78-5**

Molecular Formula : **C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **261.66**



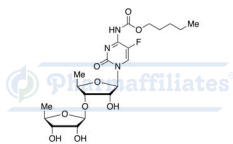
### 3'-O-(5'-Deoxy-β-D-ribofuranosyl) Capecitabine

Catalogue No.: **PA 03 87700**

CAS : **1262133-64-1**

Molecular Formula : **C<sub>20</sub>H<sub>30</sub>FN<sub>3</sub>O<sub>9</sub>**

Molecular Weight : **475.47**



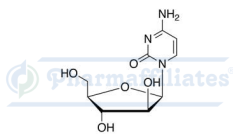
### Cytarabine

Catalogue No.: **PA 03 87710**

CAS : **147-94-4**

Molecular Formula : **C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **243.22**



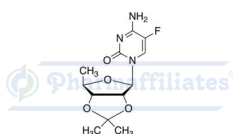
### 5'-Deoxy-2',3'-O-isopropylidene-5-fluorocytidine

Catalogue No.: **PA 03 87720**

CAS : **66335-37-3**

Molecular Formula : **C<sub>12</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **285.27**



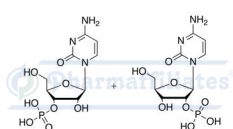
### Cytidine 3'(2')-Monophosphate

Catalogue No.: **PA 03 87730**

CAS : **84-52-6**

Molecular Formula : **C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>O<sub>8</sub>P**

Molecular Weight : **323.2**



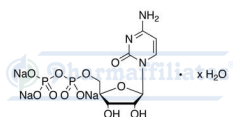
### Cytidine 5'-Diphosphate Trisodium Salt Hydrate

Catalogue No.: **PA 03 87740**

CAS : **NA**

Molecular Formula :

Molecular Weight : **469.12**



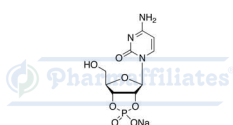
### Cytidine-2',3'-cyclic Monophosphate Sodium Salt

Catalogue No.: **PA 03 87750**

CAS : **15718-51-1**

Molecular Formula : **C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>NaO<sub>7</sub>P**

Molecular Weight : **327.16**



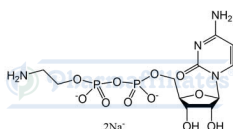
### Cytidine 5'-Diphosphate Ethanolamine Disodium Salt

Catalogue No.: **PA 03 87760**

CAS : **NA**

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

Molecular Weight : **444.23**



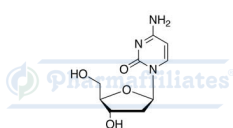
### 2'-Deoxy Cytidine

Catalogue No.: **PA 03 87770**

CAS : **951-77-9**

Molecular Formula : **C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **227.22**



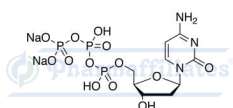
### 2'-Deoxycytidine 5'-Triphosphate Disodium Salt

Catalogue No.: **PA 03 87780**

CAS : **102783-51-7**

Molecular Formula : **C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>13</sub>P<sub>3</sub>**

Molecular Weight : **511.12**



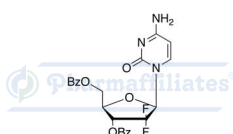
### 2'-Deoxy-3',5'-di-O-benzoyl-2',2'-difluorocytidine

Catalogue No.: **PA 03 87790**

CAS : **134790-39-9**

Molecular Formula : **C<sub>23</sub>H<sub>19</sub>F<sub>2</sub>N<sub>3</sub>O<sub>6</sub>**

Molecular Weight : **471.41**



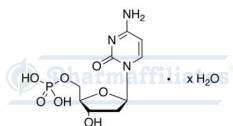
### 2'-Deoxycytidine 5'-Monophosphate Hydrate

Catalogue No.: **PA 03 87800**

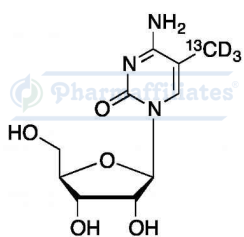
CAS : **1032-65-1**

Molecular Formula :

Molecular Weight : **307.2**



**SIMILAR PRODUCTS** ▼



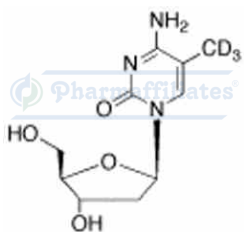
### 5-Methylcytidine-13CD3

Catalogue No.: **PA STI 061010**

CAS : **NA**

Molecular Formula : **C<sub>9</sub><sup>13</sup>CH<sub>12</sub>D<sub>3</sub>N<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **261.25**



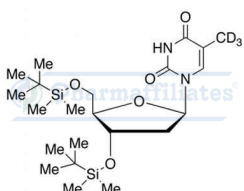
### 5-Methyl-2'-deoxy Cytidine-d3

Catalogue No.: **PA STI 061060**

CAS : **1160707-78-7**

Molecular Formula : **C<sub>10</sub>H<sub>12</sub>D<sub>3</sub>N<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **244.26**



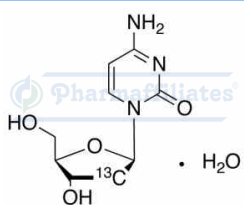
### 3',5'-Bis-O-(tert-butylidimethylsilyl)thymidine-d3

Catalogue No.: **PA STI 013630**

CAS : **1280736-10-8**

Molecular Formula : **C<sub>22</sub>H<sub>39</sub>D<sub>3</sub>N<sub>2</sub>O<sub>5</sub>Si<sub>2</sub>**

Molecular Weight : **473.77**



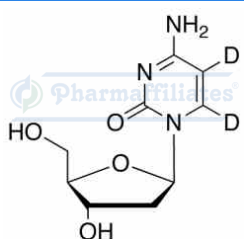
### 2'-Deoxycytidine-2'-13C Monohydrate

Catalogue No.: **PA STI 026050**

CAS : **478511-23-8**

Molecular Formula : **C<sub>8</sub><sup>13</sup>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **246.23**



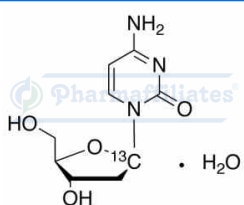
### 2'-Deoxy Cytidine-5,6-d2

Catalogue No.: **PA STI 026060**

CAS : **1186526-91-9**

Molecular Formula : **C<sub>9</sub>H<sub>11</sub>D<sub>2</sub>N<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **229.23**



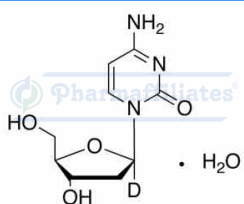
### 2'-Deoxycytidine-1'-13C Monohydrate

Catalogue No.: **PA STI 026070**

CAS : **478510-83-7**

Molecular Formula : **C<sub>8</sub><sup>13</sup>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **246.23**



### 2'-Deoxycytidine-1'-d Monohydrate

Catalogue No.: **PA STI 026110**

CAS : **NA**

Molecular Formula : **C<sub>9</sub>H<sub>14</sub>DN<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **246.24**

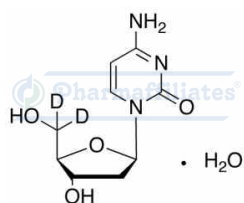
### 2'-Deoxycytidine-5',5''-d2 Monohydrate

Catalogue No.: **PA STI 026120**

CAS : **NA**

Molecular Formula : **C<sub>9</sub>H<sub>13</sub>D<sub>2</sub>N<sub>3</sub>O<sub>5</sub>**

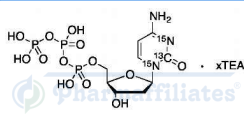
Molecular Weight : **247.25**



### 2'-Deoxycytidine 5'-Triphosphate-13C, 15N2 Triethylamine

Catalogue No.: **PA STI 026140** CAS : **NA**

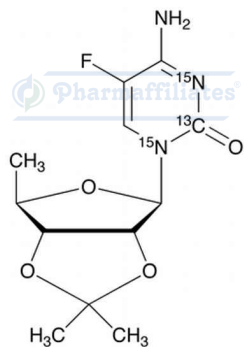
Molecular Formula : **C<sub>813</sub>CH<sub>16</sub>N<sub>15</sub>N<sub>2</sub>O<sub>13</sub>P<sub>3</sub>** Molecular Weight : **470.14**



### 5'-Deoxy-2',3'-O-isopropylidene-5-fluorocytidine-13C, 15N2

Catalogue No.: **PA STI 026450** CAS : **NA**

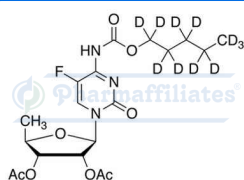
Molecular Formula : **C<sub>1113</sub>CH<sub>16</sub>F<sub>15</sub>N<sub>2</sub>O<sub>4</sub>** Molecular Weight : **288.25**



### 2',3'-Di-O-acetyl-5'-deoxy-5-fluoro-N4-(pentoxy-d11-carboxyl)cytidine

Catalogue No.: **PA STI 029320** CAS : **NA**

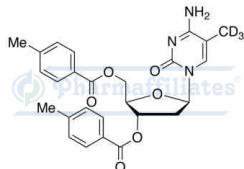
Molecular Formula : **C<sub>19</sub>H<sub>15</sub>D<sub>11</sub>FN<sub>3</sub>O<sub>8</sub>** Molecular Weight : **454.49**



### 3',5'-Di-p-toluoyl-2'-deoxycytidine-d3

Catalogue No.: **PA STI 035930** CAS : **NA**

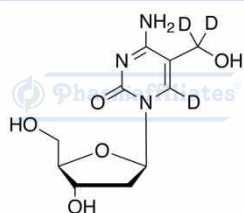
Molecular Formula : **C<sub>26</sub>H<sub>24</sub>D<sub>3</sub>N<sub>3</sub>O<sub>6</sub>** Molecular Weight : **480.53**



### 5-(Hydroxymethyl)-2'-deoxycytidine-d3

Catalogue No.: **PA STI 049850** CAS : **NA**

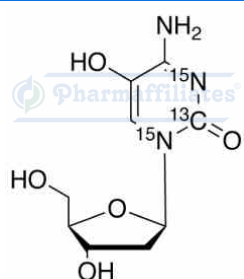
Molecular Formula : **C<sub>10</sub>H<sub>12</sub>D<sub>3</sub>N<sub>3</sub>O<sub>5</sub>** Molecular Weight : **260.26**



### 5-Hydroxy-2'-deoxycytidine-13C, 15N2

Catalogue No.: **PA STI 049880** CAS : **NA**

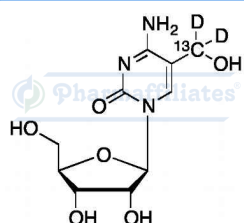
Molecular Formula : **C<sub>813</sub>CH<sub>13</sub>N<sub>15</sub>N<sub>2</sub>O<sub>5</sub>** Molecular Weight : **246.20**

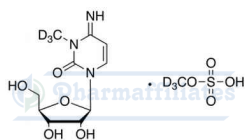


### 5-Hydroxymethylcytidine-13CD2

Catalogue No.: **PA STI 049990** CAS : **NA**

Molecular Formula : **C<sub>913</sub>CH<sub>13</sub>D<sub>2</sub>N<sub>3</sub>O<sub>6</sub>** Molecular Weight : **276.25**





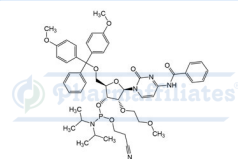
### 3-Methyl Cytidine-d3 Methosulfate-d3

Catalogue No.: **PA STI 060950**

CAS : **NA**

Molecular Formula : **C<sub>11</sub>H<sub>13</sub>D<sub>6</sub>N<sub>3</sub>O<sub>9</sub>S**

Molecular Weight : **375.39**



### DMT-2'-O-MOE-rC(Bz) Phosphoramidite

Catalogue No.: **PA 03 0871008**

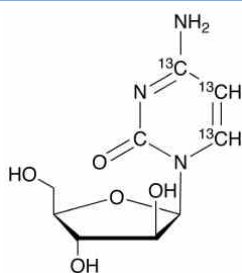
CAS : **251647-54-8**

Molecular Formula : **C<sub>49</sub>H<sub>58</sub>N<sub>5</sub>O<sub>10</sub>P**

Molecular Weight : **908**

## Cytarabine

Cytarabine is mainly used in the treatment of acute myeloid leukaemia, acute lymphocytic leukaemia and in lymphomas, where it is the backbone of induction chemotherapy.. Reference standards of Cytarabine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



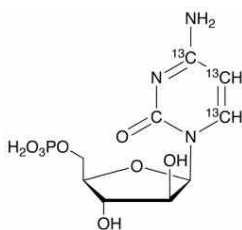
### Cytarabine-13C3

Catalogue No.: **PA STI 023990**

CAS : **NA**

Molecular Formula : **C<sub>613</sub>C<sub>3</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>**

Molecular Weight : **246.19**



### Cytarabine-13C3 5'-Monophosphate

Catalogue No.: **PA STI 024000**

CAS : **NA**

Molecular Formula : **C<sub>613</sub>C<sub>3</sub>H<sub>14</sub>N<sub>3</sub>O<sub>8</sub>P**

Molecular Weight : **326.17**

## Exenatide Acetate

Exenatide Acetate functions to activate the GLP-1 receptor and increases insulin secretion, decrease glucagon secretion, and slow gastric emptying to improve glycemic control.. Reference standards of Exenatide Acetate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



### Exenatide Acetate - API Standards

Catalogue No.: **PA 05 91000**

CAS : **141732-76-5**

Molecular Formula : **C<sub>186</sub>H<sub>32</sub>N<sub>50</sub>O<sub>62</sub>S**

Molecular Weight : **4246.62**

# Leuporelin

Leuporelin, also known as leuprolide. It is used to treat prostate cancer, breast cancer, endometriosis, uterine fibroids, and early puberty. Reference standards of Leuporelin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



## Leuporelin - Impurity A

Catalogue No.: **PA 12 92010**      CAS : **62621-13-0**      Molecular Formula : **NA**      Molecular Weight : **NA**



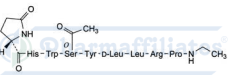
## Leuporelin - Impurity B

Catalogue No.: **PA 12 92020**      CAS : **112642-11-2**      Molecular Formula : **C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>**      Molecular Weight : **1209.40**



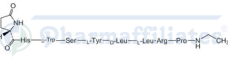
## Leuporelin - Impurity C

Catalogue No.: **PA 12 92030**      CAS : **NA**      Molecular Formula : **NA**      Molecular Weight : **NA**



## Leuporelin - Impurity D

Catalogue No.: **PA 12 92040**      CAS : **1926163-25-8**      Molecular Formula : **C<sub>61</sub>H<sub>86</sub>N<sub>16</sub>O<sub>13</sub>**      Molecular Weight : **1251.46**



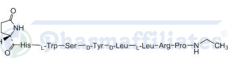
## Leuporelin - Impurity E

Catalogue No.: **PA 12 92050**      CAS : **1926163-23-6**      Molecular Formula : **C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>**      Molecular Weight : **1209.42**



## Leuporelin - Impurity F

Catalogue No.: **PA 12 92060**      CAS : **1872435-00-1**      Molecular Formula : **NA**      Molecular Weight : **NA**



## Leuporelin - Impurity G

Catalogue No.: **PA 12 92070**      CAS : **112710-57-3**      Molecular Formula : **NA**      Molecular Weight : **NA**



## Leuporelin - Impurity H

Catalogue No.: **PA 12 92080**      CAS : **112710-58-4**      Molecular Formula : **NA**      Molecular Weight : **NA**



## Leuporelin - Impurity I

Catalogue No.: **PA 12 92090**      CAS : **NA**      Molecular Formula : **NA**      Molecular Weight : **NA**

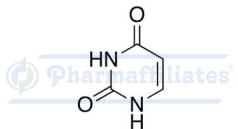
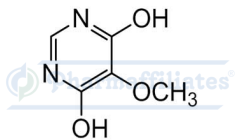
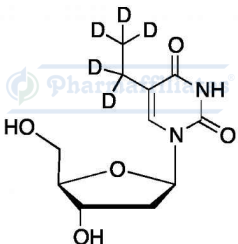
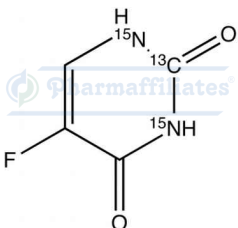
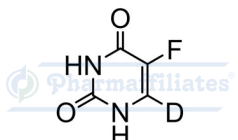
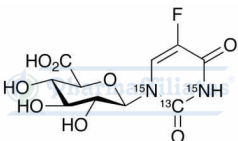
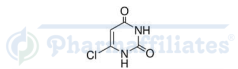
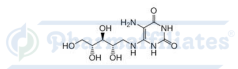
## Leuporelin - Impurity J

Catalogue No.: **PA 12 92100**      CAS : **NA**      Molecular Formula : **NA**      Molecular Weight : **NA**



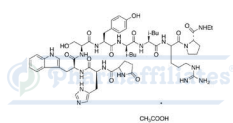
# Fluorouracil

Fluorouracil is a medication used to treat cancer. It is sold under the brand name Adrucil among others. Reference standards of Fluorouracil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

|                                                                                    |                                                      |                                     |                           |                                                                                                   |                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|
|    | <b>Fluorouracil - Impurity C</b>                     | Catalogue No.: <b>PA 06 33030</b>   | CAS : <b>66-22-8</b>      | Molecular Formula : <b>C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub></b>                   | Molecular Weight : <b>112.09</b> |
|    | <b>5-Methoxypyrimidine-4,6-diol</b>                  | Catalogue No.: <b>PA 06 33510</b>   | CAS : <b>5193-84-0</b>    | Molecular Formula : <b>C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O<sub>3</sub></b>                   | Molecular Weight : <b>142.11</b> |
|    | <b>5-Ethyl-2'-deoxyuridine-d5</b>                    | Catalogue No.: <b>PA STI 039190</b> | CAS : <b>NA</b>           | Molecular Formula : <b>C<sub>11</sub>H<sub>11</sub>D<sub>5</sub>N<sub>2</sub>O<sub>5</sub></b>    | Molecular Weight : <b>261.29</b> |
|   | <b>5-Fluorouracil-13C, 15N2</b>                      | Catalogue No.: <b>PA STI 042270</b> | CAS : <b>1189423-58-2</b> | Molecular Formula : <b>C<sub>313</sub>CH<sub>3</sub>F<sub>15</sub>N<sub>2</sub>O<sub>2</sub></b>  | Molecular Weight : <b>133.06</b> |
|  | <b>5-Fluorouracil-6-d1</b>                           | Catalogue No.: <b>PA STI 042280</b> | CAS : <b>90344-84-6</b>   | Molecular Formula : <b>C<sub>4</sub>H<sub>2</sub>DFN<sub>2</sub>O<sub>2</sub></b>                 | Molecular Weight : <b>131.08</b> |
|  | <b>5-Fluorouracil-13C, 15N2 N-beta-D-Glucuronide</b> | Catalogue No.: <b>PA STI 042290</b> | CAS : <b>NA</b>           | Molecular Formula : <b>C<sub>913</sub>CH<sub>11</sub>F<sub>15</sub>N<sub>2</sub>O<sub>8</sub></b> | Molecular Weight : <b>309.18</b> |
|  | <b>6-Chlorouracil</b>                                | Catalogue No.: <b>PA 06 33530</b>   | CAS : <b>4270-27-3</b>    | Molecular Formula : <b>C<sub>4</sub>H<sub>3</sub>ClN<sub>2</sub>O<sub>2</sub></b>                 | Molecular Weight : <b>146.53</b> |
|  | <b>5-Amino-4-D-ribitylamino-uracil</b>               | Catalogue No.: <b>PA 06 33550</b>   | CAS : <b>17014-74-3</b>   | Molecular Formula : <b>C<sub>9</sub>H<sub>16</sub>N<sub>4</sub>O<sub>6</sub></b>                  | Molecular Weight : <b>276.25</b> |

## Leuprolide Acetate

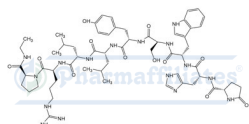
Leuprolide Acetate may be used in the treatment of hormone-responsive cancers such as prostate cancer and breast cancer. Leuprorelin, also known as leuprolide. It is given by injection into a muscle or under the skin. Reference standards of Leuprolide Acetate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Leuprolide Acetate - API Standards

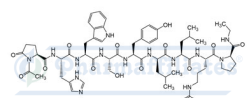
Catalogue No.: **PA 12 60000** CAS : **74381-53-6** Molecular Formula : **C<sub>61</sub>H<sub>88</sub>N<sub>16</sub>O<sub>14</sub>** Molecular Weight : **1269.45**

**SIMILAR PRODUCTS** ▼



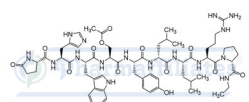
### D His Leuprolide

Catalogue No.: **PA 12 0601001** CAS : **NA** Molecular Formula : **C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>** Molecular Weight : **1209.42**



### Acetyl-Leuprolide

Catalogue No.: **PA 12 0601002** CAS : **NA** Molecular Formula : **C<sub>61</sub>H<sub>86</sub>N<sub>16</sub>O<sub>13</sub>** Molecular Weight : **1251.46**

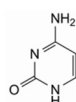


### [Ser(Ac)]4-Leuprolide

Catalogue No.: **PA 12 0601003** CAS : **NA** Molecular Formula : **C<sub>61</sub>H<sub>86</sub>N<sub>16</sub>O<sub>13</sub>** Molecular Weight : **1251.46**

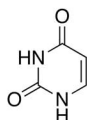
## Lamivudine

A drug which is active against both HIV1 and HIV2 virus, Lamivudine is also known as 3TC, is an antiretroviral medication. It is used for the treatment of HIV/AIDS and hepatitis. Lamivudine is an analogue of cytidine. Reference standards of Lamivudine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



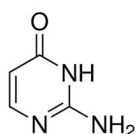
### Lamivudine - Impurity E

Catalogue No.: **PA 12 03050** CAS : **71-30-7** Molecular Formula : **C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O** Molecular Weight : **111.1**



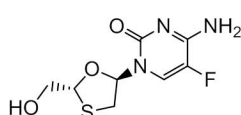
### Lamivudine - Impurity F

Catalogue No.: **PA 12 03060** CAS : **66-22-8** Molecular Formula : **C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>** Molecular Weight : **112.09**



### Isocytosine

Catalogue No.: **PA 12 03640** CAS : **108-53-2** Molecular Formula : **C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O** Molecular Weight : **111.1**

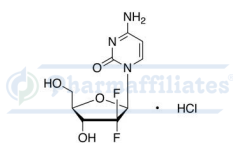


### 5-epi Emtricitabine

Catalogue No.: **PA 12 03720** CAS : **145986-26-1** Molecular Formula : **C<sub>8</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>3</sub>S** Molecular Weight : **247.25**

## Gemcitabine Hydrochloride

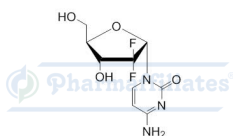
Gemcitabine Hydrochloride is a nucleoside analog used as chemotherapy. It is marketed as Gemzar® by Eli Lilly and Company. Gemcitabine is used in various carcinomas: non-small cell lung cancer, pancreatic cancer, bladder cancer and breast cancer. Reference standards of Gemcitabine Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Gemcitabine Hydrochloride - API Standards

Catalogue No.: **PA 07 05000** CAS : **122111-03-9** Molecular Formula : **C<sub>9</sub>H<sub>12</sub>ClF<sub>2</sub>N<sub>3</sub>O<sub>4</sub>** Molecular Weight : **299.66**

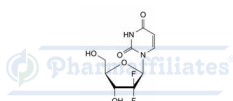
**SIMILAR PRODUCTS** ▼



### Gemcitabine Hydrochloride - Impurity B

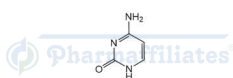
Catalogue No.: **PA 07 05020** CAS : **95058-85-8** Molecular Formula : **C<sub>9</sub>H<sub>11</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub>** Molecular Weight : **263.20**

**SIMILAR PRODUCTS** ▼



### Gemcitabine Hydrochloride - Impurity C

Catalogue No.: **PA 07 05030** CAS : **114248-23-6** Molecular Formula : **C<sub>9</sub>H<sub>10</sub>F<sub>2</sub>N<sub>2</sub>O<sub>5</sub>** Molecular Weight : **264.18**

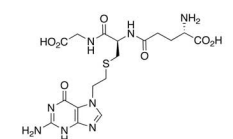


### Gemcitabine Hydrochloride - Impurity A (Freebase)

Catalogue No.: **PA 07 05010** CAS : **71-30-7** Molecular Formula : **C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O** Molecular Weight : **111.1**

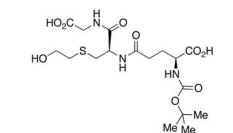
## Glutathione

Glutathione is capable of preventing damage to important cellular components caused by reactive oxygen species such as free radicals, peroxides, lipid peroxides, and heavy metals. It is an antioxidant. Reference standards of Glutathione API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



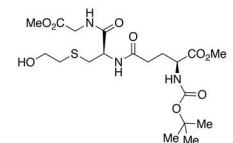
### S-[2-(N7-Guanyl)ethyl]glutathione

Catalogue No.: **PA 07 12640** CAS : **100840-34-4** Molecular Formula : **C<sub>17</sub>H<sub>24</sub>N<sub>8</sub>O<sub>7</sub>S** Molecular Weight : **484.49**



### S-(2-Hydroxyethyl)-N-tert-butyloxycarbonyl Glutathione

Catalogue No.: **PA 07 12650** CAS : **NA** Molecular Formula : **C<sub>17</sub>H<sub>29</sub>N<sub>3</sub>O<sub>9</sub>S** Molecular Weight : **451.49**

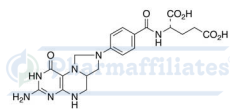


### S-(2-Hydroxyethyl)-N-tert-butyloxycarbonyl Glutathione Dimethyl Diester

Catalogue No.: **PA 07 12660** CAS : **NA** Molecular Formula : **C<sub>19</sub>H<sub>33</sub>N<sub>3</sub>O<sub>9</sub>S** Molecular Weight : **479.55**

## 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.



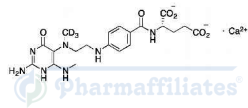
### Foliticorin

Catalogue No.: **PA 06 44590**

CAS : **3432-99-3**

Molecular Formula : **C<sub>20</sub>H<sub>23</sub>N<sub>7</sub>O<sub>6</sub>**

Molecular Weight : **457.44**



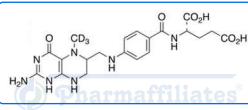
### 5-(Methyl-d3)tetrahydrofolic Acid Calcium Salt

Catalogue No.: **PA STI 064360**

CAS : **NA**

Molecular Formula : **C<sub>20</sub>H<sub>22</sub>D<sub>3</sub>CaN<sub>7</sub>O<sub>6</sub>**

Molecular Weight : **502.55**



### 5-(Methyl-d3)tetrahydrofolic Acid (Mixture of Diastereomers)

Catalogue No.: **PA STI 064370**

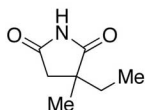
CAS : **1356019-97-0**

Molecular Formula : **C<sub>20</sub>H<sub>22</sub>D<sub>3</sub>N<sub>7</sub>O<sub>6</sub>**

Molecular Weight : **462.47**

## 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.



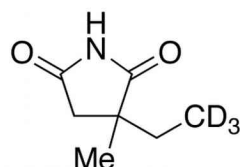
### Ethosuximide - API Standards

Catalogue No.: **PA 05 29000**

CAS : **77-67-8**

Molecular Formula : **C<sub>7</sub>H<sub>11</sub>NO<sub>2</sub>**

Molecular Weight : **141.17**



### Ethosuximide-d3

Catalogue No.: **PA STI 038380**

CAS : **1189703-33-0**

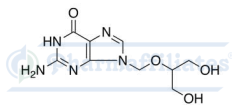
Molecular Formula : **C<sub>7</sub>H<sub>8</sub>D<sub>3</sub>NO<sub>2</sub>**

Molecular Weight : **144.19**

# Ganciclovir

A synthetic analogue of 2'-deoxy-guanosine, Ganciclovir is an antiviral drug used for the treatment of cytomegalovirus infections. It is used for treating CMV retinitis, CMV pneumonitis and CMV infections caused in organ transplant patients. Reference standards of Ganciclovir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

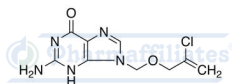
## Ganciclovir - API Standards



Catalogue No.: **PA 07 03000** CAS : **82410-32-0** Molecular Formula : **C<sub>9</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>** Molecular Weight : **255.23**

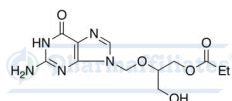
**SIMILAR PRODUCTS** ▼

## Ganciclovir - Impurity A



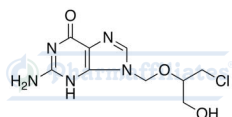
Catalogue No.: **PA 07 03010** CAS : **1797982-93-4** Molecular Formula : **C<sub>9</sub>H<sub>10</sub>ClN<sub>5</sub>O<sub>2</sub>** Molecular Weight : **255.66**

## Ganciclovir - Impurity B



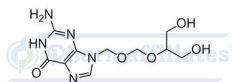
Catalogue No.: **PA 07 03020** CAS : **194159-18-7** Molecular Formula : **C<sub>12</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub>** Molecular Weight : **311.29**

## Ganciclovir - Impurity C



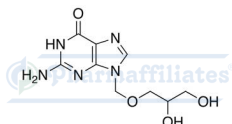
Catalogue No.: **PA 07 03030** CAS : **108436-36-8** Molecular Formula : **C<sub>9</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>3</sub>** Molecular Weight : **273.68**

## Ganciclovir - Impurity D



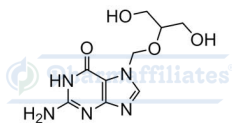
Catalogue No.: **PA 07 03040** CAS : **1346598-14-8** Molecular Formula : **C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub>** Molecular Weight : **285.26**

## Ganciclovir - Impurity E



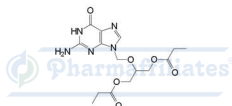
Catalogue No.: **PA 07 03050** CAS : **86357-09-7** Molecular Formula : **C<sub>9</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>** Molecular Weight : **255.23**

## Ganciclovir - Impurity H



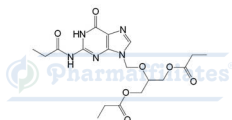
Catalogue No.: **PA 07 03080** CAS : **84222-50-4** Molecular Formula : **C<sub>9</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>** Molecular Weight : **255.23**

## Ganciclovir - Impurity I



Catalogue No.: **PA 07 03090** CAS : **86357-20-2** Molecular Formula : **C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub>** Molecular Weight : **367.36**

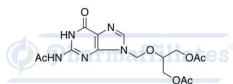
## Ganciclovir - Impurity J



Catalogue No.: **PA 07 03100** CAS : **177216-32-9** Molecular Formula : **C<sub>18</sub>H<sub>25</sub>N<sub>5</sub>O<sub>7</sub>** Molecular Weight : **423.42**

## N-Acetyl-di-O-acetyl Ganciclovir

Catalogue No.: **PA 07 03510** CAS : **86357-14-4** Molecular Formula : **C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub>** Molecular Weight : **381.34**



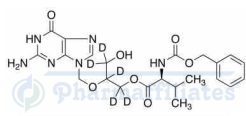
### N-Carbobenzyloxy-L-valinyl-ganciclovir-d5

Catalogue No.: **PA STI 017560**

CAS : **NA**

Molecular Formula : **C<sub>22</sub>H<sub>23</sub>D<sub>5</sub>N<sub>6</sub>O<sub>7</sub>**

Molecular Weight : **493.52**



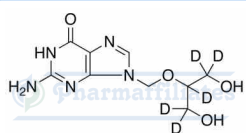
### Ganciclovir-d5

Catalogue No.: **PA STI 043980**

CAS : **1189966-73-1**

Molecular Formula : **C<sub>9</sub>H<sub>8</sub>D<sub>5</sub>N<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **260.26**



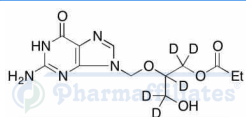
### Ganciclovir Mono-O-propionate-d5

Catalogue No.: **PA STI 044010**

CAS : **NA**

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

Molecular Weight : **316.32**



## Emtricitabine

Emtricitabine is a drug which is used for the treatment of HIV and a nucleoside reverse transcriptase inhibitor (NRTI). It shows activity against hepatitis B virus (HBV). An analog of cytidine and inhibits reverse transcriptase. Reference standards of Emtricitabine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

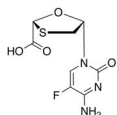
### Emtricitabine Carboxylic Acid

Catalogue No.: **PA 05 02580**

CAS : **1238210-10-0**

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

Molecular Weight : **261.23**



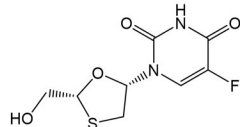
### Emtricitabine 5-Fluorouracil Analog

Catalogue No.: **PA 05 02670**

CAS : **145986-11-4**

Molecular Formula : **C<sub>8</sub>H<sub>9</sub>FN<sub>2</sub>O<sub>4</sub>S**

Molecular Weight : **248.23**



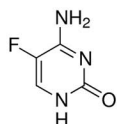
### Flucytosine

Catalogue No.: **PA 05 02680**

CAS : **2022-85-7**

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

Molecular Weight : **129.09**



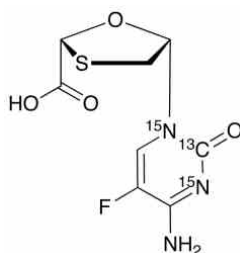
### Emtricitabine Carboxylic Acid-13C,15N2

Catalogue No.: **PA STI 036970**

CAS : **NA**

Molecular Formula : **C<sub>713</sub>CH<sub>8</sub>FN<sub>15</sub>N<sub>2</sub>O<sub>4</sub>S**

Molecular Weight : **264.21**



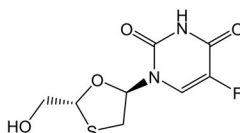
### 5-Fluoro-1-((2R,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl)pyrimidine-2,4(1H,3H)-dione

Catalogue No.: **PA 05 0021041**

CAS : **145986-12-5**

Molecular Formula : **C<sub>8</sub>H<sub>9</sub>FN<sub>2</sub>O<sub>4</sub>S**

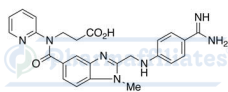
Molecular Weight : **248.23**



# 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 pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

## Dabigatran - API Standards



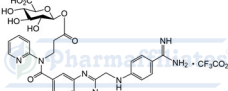
Catalogue No.: **PA 04 01000**

CAS : **211914-51-1**

Molecular Formula : **C<sub>25</sub>H<sub>25</sub>N<sub>7</sub>O<sub>3</sub>**

Molecular Weight : **471.51**

## Dabigatran Acyl-β-D-Glucuronide Trifluoroacetic Acid



Catalogue No.: **PA 04 01510**

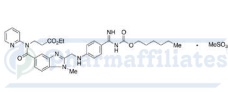
CAS : **NA**

Molecular Formula : **C<sub>33</sub>H<sub>34</sub>F<sub>3</sub>N<sub>7</sub>O<sub>11</sub>**

Molecular Weight : **761.66**

**SIMILAR PRODUCTS** ▼

## Dabigatran Etexilate Mesylate - API Standards



Catalogue No.: **PA 04 01520**

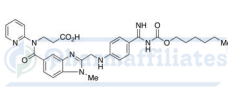
CAS : **872728-81-9**

Molecular Formula : **C<sub>35</sub>H<sub>45</sub>N<sub>7</sub>O<sub>8</sub>S**

Molecular Weight : **723.84**

**SIMILAR PRODUCTS** ▼

## Desethyl Dabigatran Etexilate



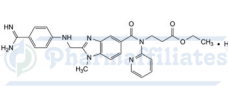
Catalogue No.: **PA 04 01530**

CAS : **212321-78-3**

Molecular Formula : **C<sub>32</sub>H<sub>37</sub>N<sub>7</sub>O<sub>5</sub>**

Molecular Weight : **599.68**

## Dabigatran Etexilate Mesilate - Impurity B (Hydrochloride Salt)



Catalogue No.: **PA 04 01630**

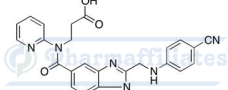
CAS : **211914-50-0**

Molecular Formula : **C<sub>27</sub>H<sub>30</sub>ClN<sub>7</sub>O<sub>3</sub>**

Molecular Weight : **536.03**

**SIMILAR PRODUCTS** ▼

## Dabigatran Acid Cyano Analog



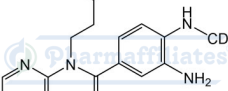
Catalogue No.: **PA 04 01710**

CAS : **212322-77-5**

Molecular Formula : **C<sub>25</sub>H<sub>22</sub>N<sub>6</sub>O<sub>3</sub>**

Molecular Weight : **454.48**

## N-[3-Amino-4-(methylamino)benzoyl]-N-2-pyridinyl-β-alanine-d3 Methyl Ester



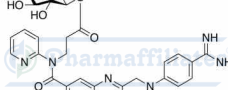
Catalogue No.: **PA STI 006550**

CAS : **NA**

Molecular Formula : **C<sub>17</sub>H<sub>17</sub>D<sub>3</sub>N<sub>4</sub>O<sub>3</sub>**

Molecular Weight : **331.38**

## Dabigatran Acyl-β-D-Glucuronide-d3



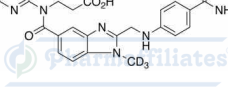
Catalogue No.: **PA STI 024060**

CAS : **NA**

Molecular Formula : **C<sub>31</sub>H<sub>30</sub>D<sub>3</sub>N<sub>7</sub>O<sub>9</sub>**

Molecular Weight : **650.65**

## Dabigatran-d3



Catalogue No.: **PA STI 024070**

CAS : **1246817-44-6**

Molecular Formula : **C<sub>25</sub>H<sub>22</sub>D<sub>3</sub>N<sub>7</sub>O<sub>3</sub>**

Molecular Weight : **474.53**

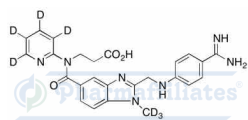
## Dabigatran-d7

Catalogue No.: **PA STI 024080**

CAS : **NA**

Molecular Formula : **C<sub>25</sub>H<sub>18</sub>D<sub>7</sub>N<sub>7</sub>O<sub>3</sub>**

Molecular Weight : **478.55**



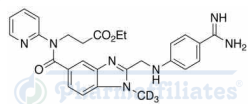
### Dabigatran-d3 Ethyl Ester Hydrochloride Salt

Catalogue No.: **PA STI 024090**

CAS : **NA**

Molecular Formula : **C<sub>27</sub>H<sub>27</sub>D<sub>3</sub>ClN<sub>7</sub>O<sub>3</sub>**

Molecular Weight : **539.04**



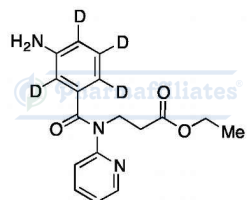
### Ethyl 3-(3-Amino-N-(pyridin-2-yl)benzamido)propanoate-d4

Catalogue No.: **PA STI 038730**

CAS : **NA**

Molecular Formula : **C<sub>17</sub>H<sub>15</sub>D<sub>4</sub>N<sub>3</sub>O<sub>3</sub>**

Molecular Weight : **317.38**



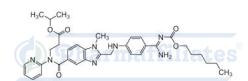
### O-Desethyl O-Isopropyl Dabigatran Etexilate

Catalogue No.: **PA 04 01970**

CAS : **1610758-19-4**

Molecular Formula : **C<sub>35</sub>H<sub>43</sub>N<sub>7</sub>O<sub>5</sub>**

Molecular Weight : **641.77**



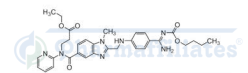
### Ethyl (Z)-3-(2-(((4-(N'-(butoxycarbonyl)carbamidomethyl)phenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate

Catalogue No.: **PA 04 01990**

CAS : **1869943-60-1**

Molecular Formula : **C<sub>32</sub>H<sub>37</sub>N<sub>7</sub>O<sub>5</sub>**

Molecular Weight : **599.69**



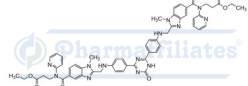
### Diaryltriazinone

Catalogue No.: **PA 04 0011050**

CAS : **NA**

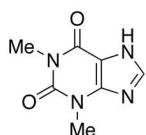
Molecular Formula : **C<sub>55</sub>H<sub>53</sub>N<sub>13</sub>O<sub>7</sub>**

Molecular Weight : **1008.11**



## Dimenhydrinate

An antiemetic drug which is used for the treatment of motion sickness. Dimenhydrinate is an over-the-counter drug. It is a combination of two drugs: diphenhydramine and 8-chlorotheophylline.. Reference standards of Dimenhydrinate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



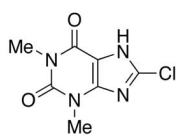
### Dimenhydrinate - Impurity A

Catalogue No.: **PA 04 27010**

CAS : **58-55-9**

Molecular Formula : **C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **180.16**



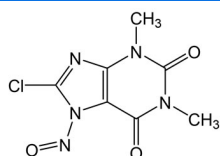
### 8-Chlorotheophylline

Catalogue No.: **PA 04 27520**

CAS : **85-18-7**

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

Molecular Weight : **214.61**



### 8-Chloro-1,3-dimethyl-7-nitroso-3,7-dihydro-1H-purine-2,6-dione

Catalogue No.: **PA 04 0271008**

CAS : **NA**

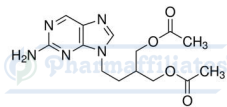
Molecular Formula : **C<sub>7</sub>H<sub>6</sub>ClN<sub>5</sub>O<sub>3</sub>**

Molecular Weight : **243.61**

# Famciclovir

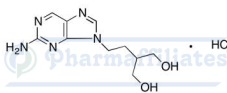
Famciclovir is a prodrug of penciclovir with higher oral bioavailability. It is marketed as Famvir by Novartis, is a guanine analogue used to treat herpes virus infections. It is most commonly used to treat herpes zoster.. Reference standards of Famciclovir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

## Famciclovir - API Standards



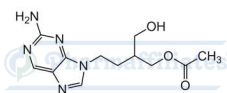
Catalogue No.: **PA 06 72000** CAS : **104227-87-4** Molecular Formula : **C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub>** Molecular Weight : **321.33**

## 6-Deoxypenciclovir Hydrochloride



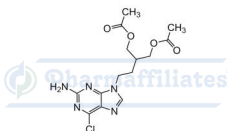
Catalogue No.: **PA 06 72510** CAS : **246021-75-0** Molecular Formula : **C<sub>10</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>2</sub>** Molecular Weight : **273.72**

## Desacetyl Famciclovir



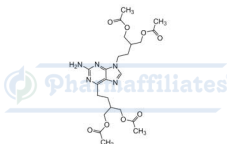
Catalogue No.: **PA 06 72520** CAS : **104227-88-5** Molecular Formula : **C<sub>12</sub>H<sub>17</sub>N<sub>5</sub>O<sub>3</sub>** Molecular Weight : **279.3**

## Famciclovir 6-Chloro Impurity



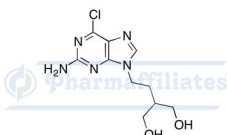
Catalogue No.: **PA 06 72570** CAS : **97845-60-8** Molecular Formula : **C<sub>14</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>4</sub>** Molecular Weight : **355.78**

## Famciclovir 6-Alkylamino Impurity



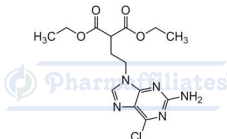
Catalogue No.: **PA 06 72580** CAS : **NA** Molecular Formula : **C<sub>23</sub>H<sub>34</sub>N<sub>6</sub>O<sub>8</sub>** Molecular Weight : **522.56**

## 6-Chloro Didesacetyl Famciclovir



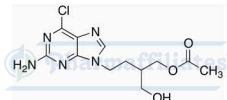
Catalogue No.: **PA 06 72590** CAS : **172529-94-1** Molecular Formula : **C<sub>10</sub>H<sub>14</sub>ClN<sub>5</sub>O<sub>2</sub>** Molecular Weight : **271.7**

## Diethyl [2-(2-Amino-6-chloro-9H-purin-9-yl)ethyl]malonate



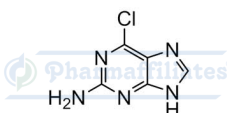
Catalogue No.: **PA 06 72600** CAS : **177838-59-4** Molecular Formula : **C<sub>14</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>4</sub>** Molecular Weight : **355.78**

## 6-Chloro Desacetyl Famciclovir



Catalogue No.: **PA 06 72610** CAS : **NA** Molecular Formula : **C<sub>12</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>3</sub>** Molecular Weight : **313.74**

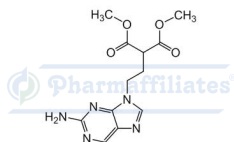
## 2-Amino-6-chloropurine



Catalogue No.: **PA 06 72620** CAS : **10310-21-1** Molecular Formula : **C<sub>5</sub>H<sub>4</sub>ClN<sub>5</sub>** Molecular Weight : **169.57**

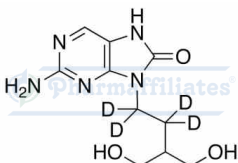
## Famciclovir Malonate

Catalogue No.: **PA 06 72630** CAS : **122497-20-5** Molecular Formula : **C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub>** Molecular Weight : **293.28**



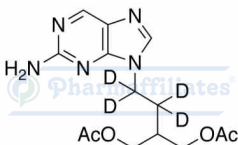
### Desdiacetyl-8-oxo Famciclovir-d4

Catalogue No.: **PA STI 027250** CAS : **1346603-55-1** Molecular Formula : **C<sub>10</sub>H<sub>11</sub>D<sub>4</sub>N<sub>5</sub>O<sub>3</sub>** Molecular Weight : **257.28**



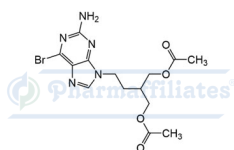
### Famciclovir-d4

Catalogue No.: **PA STI 040550** CAS : **1020719-42-9** Molecular Formula : **C<sub>14</sub>H<sub>15</sub>D<sub>4</sub>N<sub>5</sub>O<sub>4</sub>** Molecular Weight : **325.36**



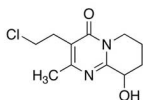
### 6-Bromo Famciclovir

Catalogue No.: **PA 06 0721016** CAS : **131266-20-1** Molecular Formula : **C<sub>14</sub>H<sub>18</sub>BrN<sub>5</sub>O<sub>4</sub>** Molecular Weight : **400.23**



## Paliperidone

Paliperidone is used for the treatment of schizophrenia and schizoaffective disorder. It is sold under the brand name Invega. Reference standards of Paliperidone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

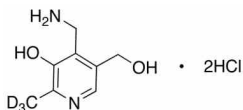


### 3-(2-Chloroethyl)-6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one

Catalogue No.: **PA 16 02530** CAS : **130049-82-0** Molecular Formula : **C<sub>11</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>2</sub>** Molecular Weight : **242.7**

## Pyridoxine

Pyridoxine has been used to prevent or treat a certain nerve disorder caused by certain medications. It is needed to maintain the health of nerves, skin, and red blood cells. Reference standards of Pyridoxine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



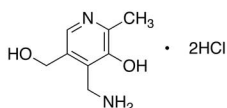
### Pyridoxamine-d3 Dihydrochloride

Catalogue No.: **PA STI 076230** CAS : **1173148-03-2** Molecular Formula : **C<sub>8</sub>H<sub>11</sub>D<sub>3</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>** Molecular Weight : **244.13**

**SIMILAR PRODUCTS**

## Pyridoxamine Dihydrochloride

Pyridoxamine is one of the form of Vitamin B6 and a derivative of pyridoxine. Pyridoxamine dihydrochloride blocks pathogenic oxidative pathways in the progression of diabetic nephropathy. Reference standards of Pyridoxamine Dihydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

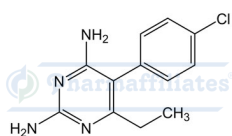


### Pyridoxamine Dihydrochloride - API Standards

Catalogue No.: **PA 16 81000** CAS : **524-36-7** Molecular Formula : **C<sub>8</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>** Molecular Weight : **241.11**

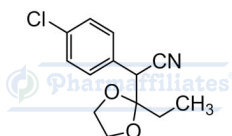
## Pyrimethamine

Used for the treatment of toxoplasmosis ( a parasitic disease) and cystoisosporiasis (human intestinal parasitic disease ) in combination with leucovorin. It works by inhibiting the synthesis of RNA and DNA in many species. A dihydrofolate reductase inhibitor. Reference standards of Pyrimethamine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



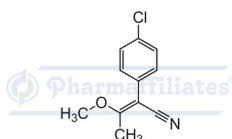
### Pyrimethamine - API Standards

Catalogue No.: **PA 43 01000** CAS : **58-14-0** Molecular Formula : **C<sub>12</sub>H<sub>13</sub>ClN<sub>4</sub>** Molecular Weight : **248.71**



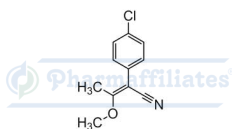
### 2-(4-Chlorophenyl)-2-(2-ethyl-1,3-dioxolan-2-yl)acetonitrile

Catalogue No.: **PA 43 01510** CAS : **55474-41-4** Molecular Formula : **C<sub>13</sub>H<sub>14</sub>ClNO<sub>2</sub>** Molecular Weight : **251.71**



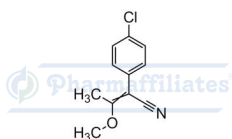
### Pyrimethamine E-isomer

Catalogue No.: **PA 43 01520** CAS : **118364-47-9** Molecular Formula : **C<sub>11</sub>H<sub>10</sub>ClNO** Molecular Weight : **207.66**



### Pyrimethamine Z-isomer

Catalogue No.: **PA 43 01530** CAS : **118364-40-2** Molecular Formula : **C<sub>11</sub>H<sub>10</sub>ClNO** Molecular Weight : **207.66**

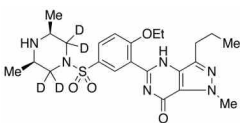


### Pyrimethamine E/Z-Mixture

Catalogue No.: **PA 43 01540** CAS : **NA** Molecular Formula : **C<sub>11</sub>H<sub>10</sub>ClNO** Molecular Weight : **207.66**

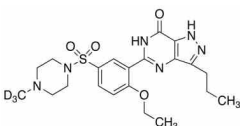
## Sildenafil

Sildenafil is used for the treatment of erectile dysfunction and pulmonary arterial hypertension. It is sold under the brand name of Viagra. 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 API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Methisosildenafil-d4

Catalogue No.: **PA STI 058600** CAS : **1246819-66-8** Molecular Formula : **C<sub>23</sub>H<sub>28</sub>D<sub>4</sub>N<sub>6</sub>O<sub>4</sub>S** Molecular Weight : **492.63**

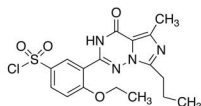


### Pyrazole N-Demethyl Sildenafil-d3

Catalogue No.: **PA STI 076040** CAS : **1185044-03-4** Molecular Formula : **C<sub>21</sub>H<sub>25</sub>D<sub>3</sub>N<sub>6</sub>O<sub>4</sub>S** Molecular Weight : **463.57**

## Vardenafil

Vardenafil is used to treat erectile dysfunction in men. It is an oral therapy for the treatment of erectile dysfunction. It is sold under the trade names Levitra, Staxyn, and Vivanza. Reference standards of Vardenafil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

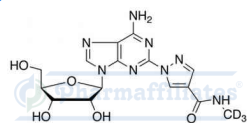


### 4-Ethoxy-3-(5-methyl-4-oxo-7-propyl-3,4-dihydro-imidazo[5,1-f][1,2,4]-triazin-2-yl)benzene-sulfonyl Chloride

Catalogue No.: **PA 22 14530** CAS : **224789-26-8** Molecular Formula : **C<sub>17</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>4</sub>S** Molecular Weight : **410.88**

# Regadenoson

Regadenoson is given in preparation for a radiologic examination of blood flow through the heart to test for coronary artery disease. It is marketed by Astellas Pharma under the tradename Lexiscan. Reference standards of Regadenoson API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

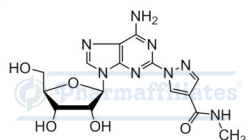


## Regadenoson-d3

Catalogue No.: **PA STI 077420** CAS : **NA**

Molecular Formula : **C<sub>15</sub>H<sub>15</sub>D<sub>3</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **393.37**

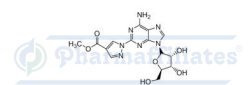


## Regadenoson - API Standards

Catalogue No.: **PA 18 85000** CAS : **313348-27-5**

Molecular Formula : **C<sub>15</sub>H<sub>18</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **390.36**

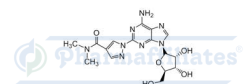


## Methyl 1-(6-amino-9-((2S,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-1H-pyrazole-4-carboxylate

Catalogue No.: **PA 18 85510** CAS : **NA**

Molecular Formula : **C<sub>15</sub>H<sub>17</sub>N<sub>7</sub>O<sub>6</sub>**

Molecular Weight : **391.34**

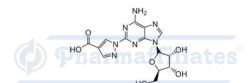


## 1-(6-Amino-9-((2S,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-N,N-dimethyl-1H-pyrazole-4-carboxamide

Catalogue No.: **PA 18 85520** CAS : **NA**

Molecular Formula : **C<sub>16</sub>H<sub>20</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **404.39**

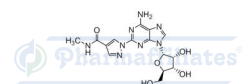


## 1-(6-Amino-9-((2S,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-1H-pyrazole-4-carboxylic Acid

Catalogue No.: **PA 18 85530** CAS : **NA**

Molecular Formula : **C<sub>14</sub>H<sub>15</sub>N<sub>7</sub>O<sub>6</sub>**

Molecular Weight : **377.32**

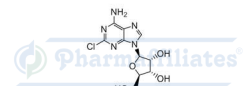


## 1-(6-Amino-9-((2S,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-N-methyl-1H-pyrazole-4-carboxamide

Catalogue No.: **PA 18 85540** CAS : **2015222-31-6**

Molecular Formula : **C<sub>15</sub>H<sub>18</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **390.36**

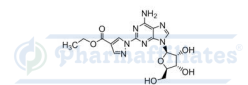


## 2-Chloro Adenosine

Catalogue No.: **PA 18 85550** CAS : **146-77-0**

Molecular Formula : **C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **301.69**

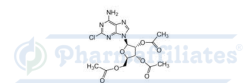


## 1-(6-Amino-9-β-D-ribofuranosyl-9H-purin-2-yl)-1H-pyrazole-4-carboxylic Acid Ethyl Ester

Catalogue No.: **PA 18 85560** CAS : **313348-16-2**

Molecular Formula : **C<sub>16</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>**

Molecular Weight : **405.37**

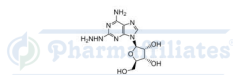


## 2-Chloro-6-amino-9-(2',3',5'-tri-O-acetyl-β-D-ribofuranosyl)purine

Catalogue No.: **PA 18 85630** CAS : **79999-39-6**

Molecular Formula : **C<sub>16</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>7</sub>**

Molecular Weight : **427.8**



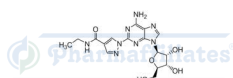
## 2-Hydrazino Adenosine

Catalogue No.: **PA 18 85680**

CAS : **15763-11-8**

Molecular Formula : **C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>4</sub>**

Molecular Weight : **297.28**



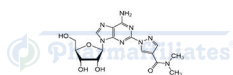
## 1-(6-Amino-9-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-N-ethyl-1H-pyrazole-4-carboxamide

Catalogue No.: **PA 18 85690**

CAS : **313348-33-3**

Molecular Formula : **C<sub>16</sub>H<sub>20</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **404.39**



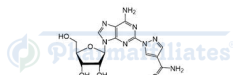
## 1-(6-Amino-9-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-N,N-dimethyl-1H-pyrazole-4-carboxamide

Catalogue No.: **PA 18 0851000**

CAS : **313348-31-1**

Molecular Formula : **C<sub>16</sub>H<sub>20</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **404.39**



## 1-(6-Amino-9-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-9H-purin-2-yl)-1H-pyrazole-4-carboxamide

Catalogue No.: **PA 18 0851001**

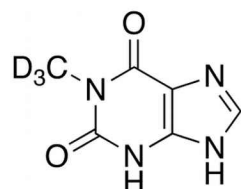
CAS : **313348-35-5**

Molecular Formula : **C<sub>14</sub>H<sub>16</sub>N<sub>8</sub>O<sub>5</sub>**

Molecular Weight : **376.33**

## Xanthine

Xanthine is used for their effects as mild stimulants and as bronchodilators, notably in the treatment of asthma or influenza symptoms. It is an intermediate in the degradation of adenosine monophosphate to uric acid, being formed by oxidation of hypoxanthine. Reference standards of Xanthine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



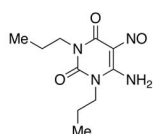
## 1-Methyl Xanthine-d3

Catalogue No.: **PA STI 064880**

CAS : **1216430-61-3**

Molecular Formula : **C<sub>6</sub>H<sub>3</sub>D<sub>3</sub>N<sub>4</sub>O<sub>2</sub>**

Molecular Weight : **169.16**



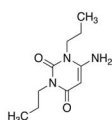
## 6-Amino-1,3-dipropyl-5-nitrosouracil

Catalogue No.: **PA 24 07510**

CAS : **81250-33-1**

Molecular Formula : **C<sub>10</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>**

Molecular Weight : **240.26**



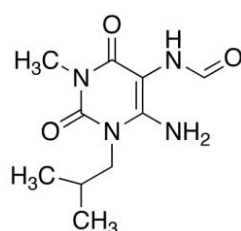
## 6-Amino-1,3-dipropyluracil

Catalogue No.: **PA 24 07520**

CAS : **41862-14-0**

Molecular Formula : **C<sub>10</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>**

Molecular Weight : **211.26**



## 4-Amino-5-formylamino-3-isobutyl-1-methylpyrimidine-2,6-dione

Catalogue No.: **PA 24 07530**

CAS : **130332-59-1**

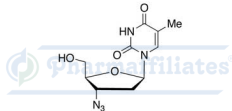
Molecular Formula : **C<sub>10</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>**

Molecular Weight : **240.26**

# Zidovudine

Zidovudine used to prevent and treat HIV/AIDS. It is available as a generic medication. Zidovudine also known as azidothymidine. Reference standards of Zidovudine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Zidovudine - API Standards



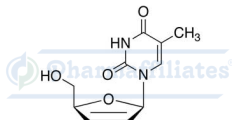
Catalogue No.: **PA 26 04000**

CAS : **30516-87-1**

Molecular Formula : **C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **267.24**

## Zidovudine - Impurity A



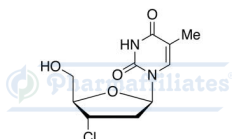
Catalogue No.: **PA 26 04010**

CAS : **3056-17-5**

Molecular Formula : **C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **224.21**

## Zidovudine - Impurity B



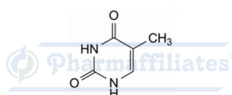
Catalogue No.: **PA 26 04020**

CAS : **25526-94-7**

Molecular Formula : **C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>4</sub>**

Molecular Weight : **260.67**

## Zidovudine - Impurity C



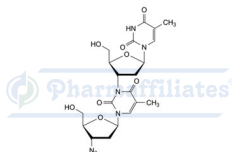
Catalogue No.: **PA 26 04030**

CAS : **65-71-4**

Molecular Formula : **C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>**

Molecular Weight : **126.11**

## Zidovudine - Impurity G



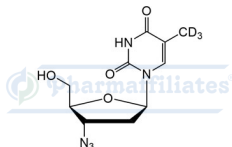
Catalogue No.: **PA 26 04070**

CAS : **148665-49-0**

Molecular Formula : **C<sub>20</sub>H<sub>25</sub>N<sub>7</sub>O<sub>8</sub>**

Molecular Weight : **491.45**

## 3'-Azido-3'-deoxythymidine, Methyl-d3



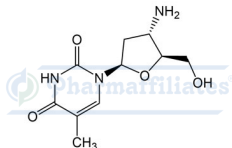
Catalogue No.: **PA STI 009540**

CAS : **NA**

Molecular Formula : **C<sub>10</sub>H<sub>10</sub>D<sub>3</sub>N<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **270.26**

## 3'-Amino-3'-deoxythymidine



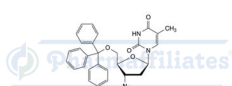
Catalogue No.: **PA 26 04530**

CAS : **52450-18-7**

Molecular Formula : **C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>**

Molecular Weight : **241.24**

## Zidovudine - Impurity J



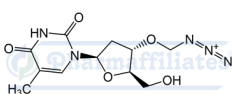
Catalogue No.: **PA 26 04100**

CAS : **29706-84-1**

Molecular Formula : **C<sub>29</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **509.57**

## 3'-O-(Azidomethyl)-2'-deoxythymidine



Catalogue No.: **PA 26 0041004**

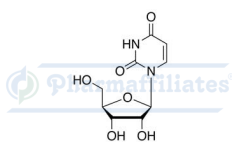
CAS : **136041-38-8**

Molecular Formula : **C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub>**

Molecular Weight : **297.27**

# Uridine

Uridine is used to treat an overdose of capecitabine or fluorouracil. Uridine is a glycosylated pyrimidine-analog containing uracil attached to a ribose. Reference standards of Uridine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



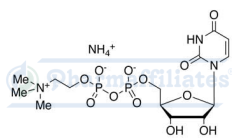
## Uridine - API Standards

Catalogue No.: **PA 21 03000**

CAS : **58-96-8**

Molecular Formula : **C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **244.2**



## Uridine Diphosphate Choline Ammonium Salt

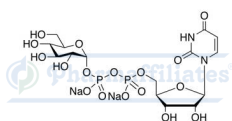
Catalogue No.: **PA 21 03510**

CAS : **NA**

Molecular Formula : **C<sub>14</sub>H<sub>28</sub>N<sub>4</sub>O<sub>12</sub>P<sub>2</sub>**

Molecular Weight : **506.34**

**SIMILAR PRODUCTS** ▼



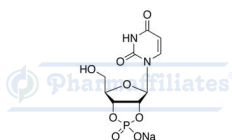
## Uridine 5'-Diphosphoglucose Disodium Salt

Catalogue No.: **PA 21 03520**

CAS : **28053-08-9**

Molecular Formula : **C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>17</sub>P<sub>2</sub>**

Molecular Weight : **610.27**



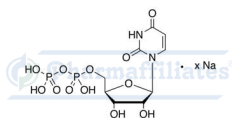
## Uridine-2',3'-cyclic Monophosphate Sodium Salt

Catalogue No.: **PA 21 03530**

CAS : **15718-50-0**

Molecular Formula : **C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>NaO<sub>8</sub>P**

Molecular Weight : **328.15**



## Uridine 5'-Diphosphate Sodium Salt

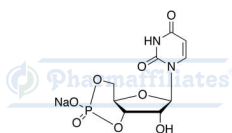
Catalogue No.: **PA 21 03540**

CAS : **21931-53-3**

Molecular Formula : **C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>12</sub>P<sub>2</sub>•xNa**

Molecular Weight : **404.16 +**

**SIMILAR PRODUCTS** ▼



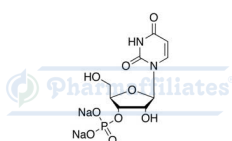
## Uridine-3',5'-cyclic Monophosphate Sodium Salt

Catalogue No.: **PA 21 03550**

CAS : **56632-58-7**

Molecular Formula : **C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>NaO<sub>8</sub>P**

Molecular Weight : **328.15**



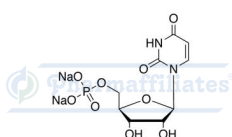
## Uridine 3'-Monophosphate Disodium Salt

Catalogue No.: **PA 21 03560**

CAS : **35170-03-7**

Molecular Formula : **C<sub>9</sub>H<sub>11</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>P**

Molecular Weight : **368.14**



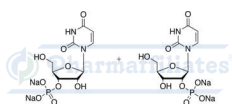
## Uridine 5'-Monophosphate Disodium Salt

Catalogue No.: **PA 21 03570**

CAS : **3387-36-8**

Molecular Formula : **C<sub>9</sub>H<sub>11</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>P**

Molecular Weight : **368.14**



## Uridine Monophosphate Disodium Salt (2'- and 3'- mixture)

Catalogue No.: **PA 21 03580**

CAS : **NA**

Molecular Formula : **C<sub>9</sub>H<sub>11</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>P**

Molecular Weight : **368.14**

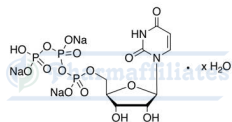
## Uridine 5'-Triphosphate Trisodium Salt Hydrate

Catalogue No.: **PA 21 03590**

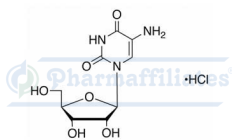
CAS : **19817-92-6**

Molecular Formula  
: **C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>Na<sub>3</sub>O<sub>15</sub>P<sub>3</sub>•xH<sub>2</sub>O**

Molecular Weight : **550.09**



**SIMILAR PRODUCTS** ✓



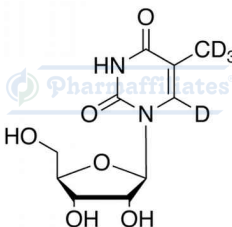
### 5-Amino Uridine Hydrochloride

Catalogue No.: **PA 21 03600**

CAS : **116154-74-6**

Molecular Formula : **C<sub>9</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>6</sub>**

Molecular Weight : **295.68**



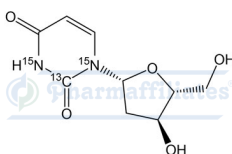
### 5-Methyl Uridine-d4

Catalogue No.: **PA STI 064810**

CAS : **82845-85-0**

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

Molecular Weight : **262.25**



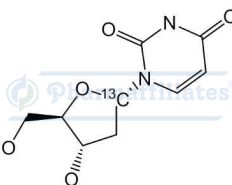
### 2'-Deoxyuridine-13C,15N2

Catalogue No.: **PA STI 026640**

CAS : **369656-76-8**

Molecular Formula : **C<sub>813</sub>CH<sub>1215</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **231.18**



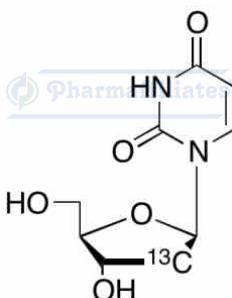
### 2'-Deoxyuridine-1'-13C

Catalogue No.: **PA STI 026650**

CAS : **478510-85-9**

Molecular Formula : **C<sub>813</sub>CH<sub>12</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **229.20**



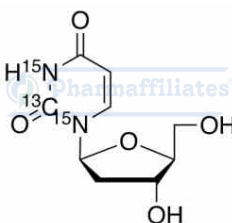
### 2'-Deoxyuridine-2'-13C

Catalogue No.: **PA STI 026660**

CAS : **478510-87-1**

Molecular Formula : **C<sub>813</sub>CH<sub>12</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **229.20**



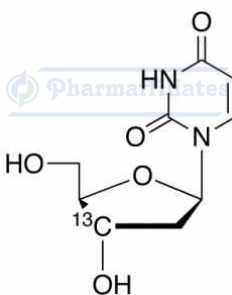
### 2'-Deoxy L-Uridine-13C,15N2

Catalogue No.: **PA STI 026670**

CAS : **NA**

Molecular Formula : **C<sub>813</sub>CH<sub>1215</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **231.18**



### 2'-Deoxyuridine-3'-13C

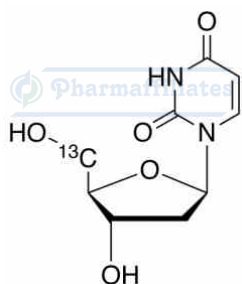
Catalogue No.: **PA STI 026680**

CAS : **478510-89-3**

Molecular Formula : **C<sub>813</sub>CH<sub>11</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **228.19**

### 2'-Deoxyuridine-5'-13C

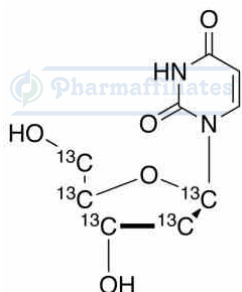


Catalogue No.: **PA STI 026690**

CAS : **478510-91-7**

Molecular Formula : **C<sub>8</sub><sup>13</sup>CH<sub>11</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **228.19**



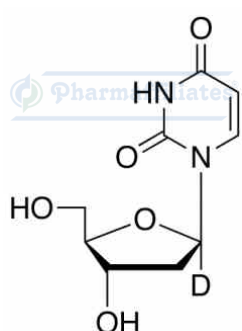
### 2'-Deoxyuridine-1',2',3',4',5'-13C5

Catalogue No.: **PA STI 026700**

CAS : **478510-94-0**

Molecular Formula : **C<sub>4</sub><sup>13</sup><sub>3</sub>C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **233.17**



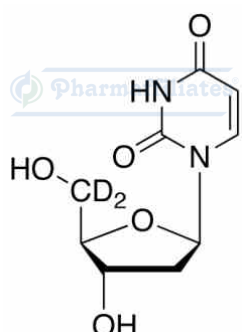
### 2'-Deoxyuridine-1'-d

Catalogue No.: **PA STI 026710**

CAS : **951-78-0**

Molecular Formula : **C<sub>9</sub>H<sub>11</sub>DN<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **229.21**



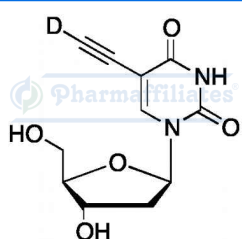
### 2'-Deoxyuridine-5',5'-d2

Catalogue No.: **PA STI 026720**

CAS : **478511-30-7**

Molecular Formula : **C<sub>9</sub>H<sub>10</sub>D<sub>2</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **230.22**



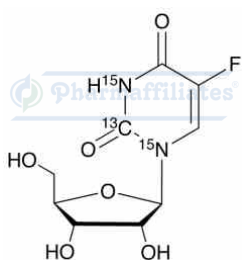
### 5-Ethynyl-2'-deoxyuridine-d1

Catalogue No.: **PA STI 040160**

CAS : **NA**

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

Molecular Weight : **253.23**



### 5-Fluorouridine-13C, 15N2

Catalogue No.: **PA STI 042310**

CAS : **NA**

Molecular Formula : **C<sub>8</sub><sup>13</sup>CH<sub>11</sub>F<sub>15</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **265.17**

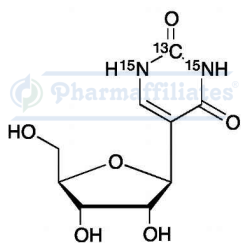
### β-Pseudouridine-13C, 15N2

Catalogue No.: **PA STI 075950**

CAS : **NA**

Molecular Formula : **C<sub>8</sub><sup>13</sup>CH<sub>12</sub><sup>15</sup>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **247.18**



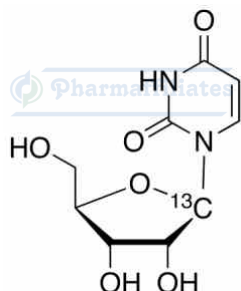
### [1'-13C]Uridine

Catalogue No.: **PA STI 086240**

CAS : **201996-62-5**

Molecular Formula : **C<sub>8</sub>H<sub>13</sub>CH<sub>12</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **245.20**



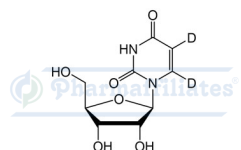
### Uridine-5,6-d2

Catalogue No.: **PA STI 086250**

CAS : **40632-21-1**

Molecular Formula : **C<sub>9</sub>H<sub>10</sub>D<sub>2</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **246.22**



### [2'-13C]Uridine

Catalogue No.: **PA STI 086260**

CAS : **478511-11-4**

Molecular Formula : **C<sub>8</sub>H<sub>13</sub>CH<sub>12</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **245.20**



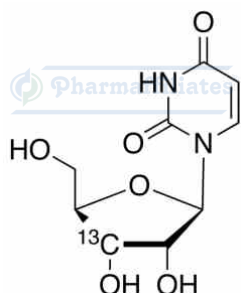
### [3'-13C]Uridine

Catalogue No.: **PA STI 086270**

CAS : **478511-14-7**

Molecular Formula : **C<sub>8</sub>H<sub>13</sub>CH<sub>12</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **245.20**



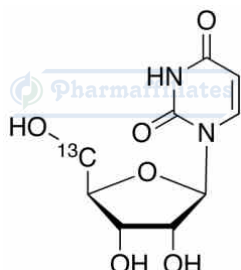
### [5'-13C]Uridine

Catalogue No.: **PA STI 086280**

CAS : **478511-16-9**

Molecular Formula : **C<sub>8</sub>H<sub>13</sub>CH<sub>12</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **245.20**



### [1',2',3',4',5'-13C5]Uridine

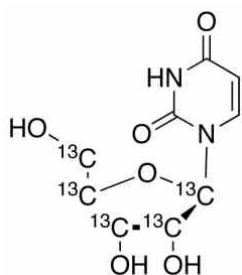
Catalogue No.: **PA STI 086290**

CAS : **159496-16-9**

Molecular Formula : **C<sub>4</sub>H<sub>13</sub>C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **249.17**





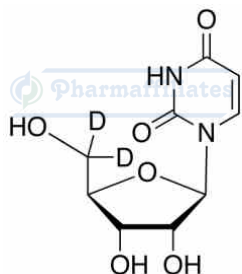
### Uridine-[5',5'-D2]

Catalogue No.: **PA STI 086300**

CAS : **82740-98-5**

Molecular Formula : **C<sub>9</sub>D<sub>2</sub>H<sub>10</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **246.21**



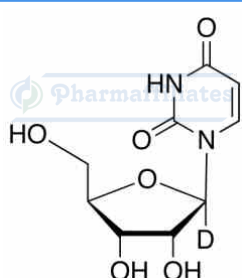
### Uridine[1'-D]

Catalogue No.: **PA STI 086310**

CAS : **NA**

Molecular Formula : **C<sub>9</sub>DH<sub>11</sub>N<sub>2</sub>O<sub>6</sub>**

Molecular Weight : **245.21**



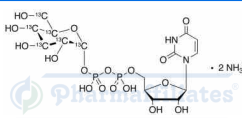
### Uridine 5'-Diphospho-α-D-glucose-13C6 Diammonium Salt

Catalogue No.: **PA STI 086320**

CAS : **904293-00-1**

Molecular Formula : **C<sub>15</sub>H<sub>30</sub>N<sub>4</sub>O<sub>17</sub>P<sub>2</sub>**

Molecular Weight : **606.32**



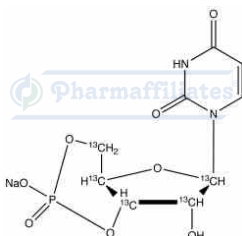
### Uridine-3',5'-cyclic-13C5 Monophosphate Sodium Salt

Catalogue No.: **PA STI 086330**

CAS : **NA**

Molecular Formula : **C<sub>413</sub>C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>NaO<sub>8</sub>P**

Molecular Weight : **333.11**



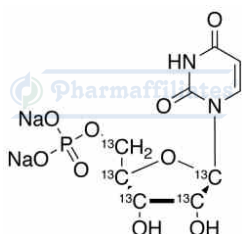
### Uridine-13C5 5'-Monophosphate Disodium Salt

Catalogue No.: **PA STI 086340**

CAS : **NA**

Molecular Formula : **C<sub>413</sub>C<sub>5</sub>H<sub>11</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>P**

Molecular Weight : **373.11**



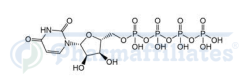
### Uridine 5'-Tetraphosphate

Catalogue No.: **PA 21 03770**

CAS : **10003-94-8**

Molecular Formula : **C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>O<sub>18</sub>P<sub>4</sub>**

Molecular Weight : **564.12**



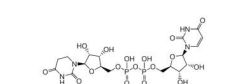
### P1, P2-Di(Uridine-5')-Diphosphate

Catalogue No.: **PA 21 03810**

CAS : **26184-65-6**

Molecular Formula : **C<sub>18</sub>H<sub>26</sub>N<sub>4</sub>O<sub>17</sub>P<sub>2</sub>**

Molecular Weight : **632.36**





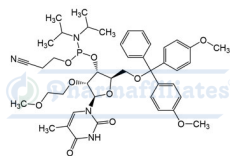
### P1, P5-Di(Uridine-5')-Pentaphosphate

Catalogue No.: **PA 21 03820**

CAS : **211448-70-3**

Molecular Formula : **C<sub>18</sub>H<sub>29</sub>N<sub>4</sub>O<sub>26</sub>P<sub>5</sub>**

Molecular Weight : **872.3**



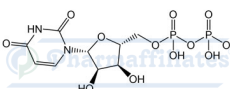
### 5'-O-DMT-2'-O-(2-methoxyethyl)-5-methyluridine 3'-CE phosphoramidite

Catalogue No.: **PA 21 0031011**

CAS : **163878-63-5**

Molecular Formula : **C<sub>43</sub>H<sub>55</sub>N<sub>4</sub>O<sub>10</sub>P**

Molecular Weight : **818.9**



### Uridine 5'-Diphosphate

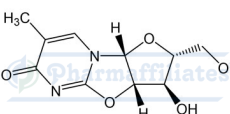
Catalogue No.: **PA 21 0031014**

CAS : **58-98-0**

Molecular Formula : **C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>12</sub>P<sub>2</sub>**

Molecular Weight : **404.16**

**SIMILAR PRODUCTS** ▼



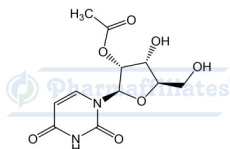
### 2,2'-O-Anhydro-5-methyluridine

Catalogue No.: **PA 21 0031016**

CAS : **22423-26-3**

Molecular Formula : **C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **240.22**



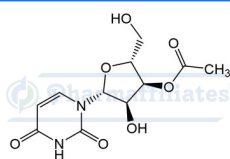
### 2'-O-Acetyluridine

Catalogue No.: **PA 21 0031018**

CAS : **6554-05-8**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **286.24**



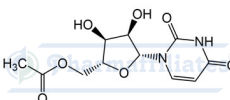
### 3'-O-Acetyluridine

Catalogue No.: **PA 21 0031019**

CAS : **4873-68-1**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **286.24**



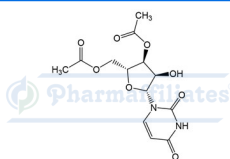
### 5'-O-Acetyluridine

Catalogue No.: **PA 21 0031020**

CAS : **6773-44-0**

Molecular Formula : **C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **286.24**



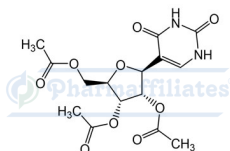
### 3',5'-Di-O-acetyluridine

Catalogue No.: **PA 21 0031021**

CAS : **6773-48-4**

Molecular Formula : **C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>**

Molecular Weight : **328.28**



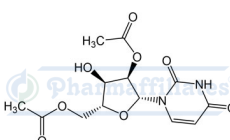
### 2',3',5'-Tri-O-acetyl pseudouridine

Catalogue No.: **PA 21 0031022**

CAS : **24800-34-8**

Molecular Formula : **C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>O<sub>9</sub>**

Molecular Weight : **370.31**



### Uridine, 2',5'-diacetate

Catalogue No.: **PA 21 0031023**

CAS : **5517-64-6**

Molecular Formula : **C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>**

Molecular Weight : **328.28**

### Dideoxyuridine Triphosphate

Catalogue No.: **PA 21 0031025**

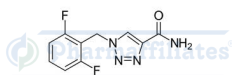
CAS : **84445-38-5**

Molecular Formula : **C<sub>9</sub>H<sub>15</sub>N<sub>2</sub>O<sub>13</sub>P<sub>3</sub>**

Molecular Weight : **452.14**

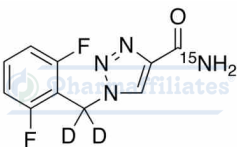
## Rufinamide

Rufinamide is a triazole derivative, used for the treatment of seizures. An anticonvulsant drug. Reference standards of Rufinamide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



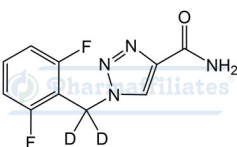
### Rufinamide - API Standards

Catalogue No.: **PA 18 62000** CAS : **106308-44-5** Molecular Formula : **C<sub>10</sub>H<sub>8</sub>F<sub>2</sub>N<sub>4</sub>O** Molecular Weight : **238.19**



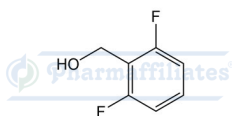
### Rufinamide-15N,d2

Catalogue No.: **PA STI 078560** CAS : **1795037-48-7** Molecular Formula : **C<sub>10</sub>H<sub>6</sub>D<sub>2</sub>F<sub>2</sub>N<sub>315</sub>NO** Molecular Weight : **241.20**



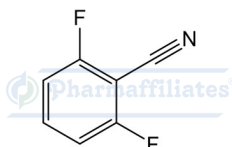
### Rufinamide-d2

Catalogue No.: **PA STI 078570** CAS : **1129491-38-8** Molecular Formula : **C<sub>10</sub>H<sub>6</sub>D<sub>2</sub>F<sub>2</sub>N<sub>4</sub>O** Molecular Weight : **240.21**



### 2,6-Difluorobenzyl alcohol

Catalogue No.: **PA 18 0621002** CAS : **19064-18-7** Molecular Formula : **C<sub>7</sub>H<sub>6</sub>F<sub>2</sub>O** Molecular Weight : **144.12**

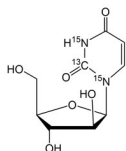


### 2,6-Difluorobenzonitrile

Catalogue No.: **PA 18 0621003** CAS : **1897-52-5** Molecular Formula : **C<sub>7</sub>H<sub>3</sub>F<sub>2</sub>N** Molecular Weight : **139.1**

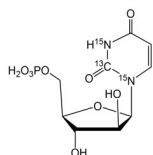
## Uracil

It use in the body is to help carry out the synthesis of many enzymes necessary for cell function through bonding with riboses and phosphates. Reference standards of Uracil API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



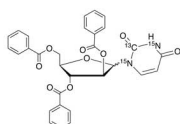
### 1-β-D-Arabinofuranosyluracil-13C,15N2

Catalogue No.: **PA STI 008330** CAS : **NA** Molecular Formula : **C<sub>813</sub>CH<sub>1215</sub>N<sub>2</sub>O<sub>6</sub>** Molecular Weight : **247.18**



### 1-β-D-Arabinofuranosyluracil-13C,15N2 5'-Monophosphate

Catalogue No.: **PA STI 008340** CAS : **NA** Molecular Formula : **C<sub>813</sub>CH<sub>1315</sub>N<sub>2</sub>O<sub>9</sub>P** Molecular Weight : **327.16**

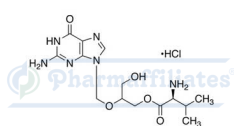


### 1-D-Arabinofuranosyluracil-13C,15N2 2',3',5'-Tribenzoate (α,β Mixture)

Catalogue No.: **PA STI 008350** CAS : **NA** Molecular Formula : **C<sub>2913</sub>CH<sub>2415</sub>N<sub>2</sub>O<sub>9</sub>** Molecular Weight : **559.51**

## Valganciclovir Hydrochloride

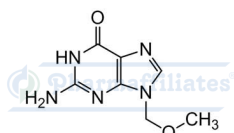
Valganciclovir Hydrochloride is used to treat cytomegalovirus infections. As the L-valyl ester of ganciclovir, it is actually a prodrug for ganciclovir. It is an antiviral medication. Reference standards of Valganciclovir Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Valganciclovir Hydrochloride - API Standards

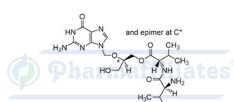
Catalogue No.: **PA 22 33000** CAS : **175865-59-5** Molecular Formula : **C<sub>14</sub>H<sub>23</sub>ClN<sub>6</sub>O<sub>5</sub>** Molecular Weight : **390.82**

**SIMILAR PRODUCTS** ▼



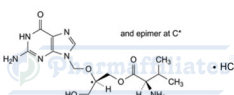
### Valganciclovir Hydrochloride - Impurity C (Freebase)

Catalogue No.: **PA 22 33510** CAS : **1202645-50-8** Molecular Formula : **C<sub>7</sub>H<sub>9</sub>N<sub>5</sub>O<sub>2</sub>** Molecular Weight : **195.18**



### Valganciclovir Hydrochloride - Impurity P

Catalogue No.: **PA 22 33530** CAS : **897937-73-4** Molecular Formula : **C<sub>19</sub>H<sub>31</sub>N<sub>7</sub>O<sub>6</sub>** Molecular Weight : **453.49**

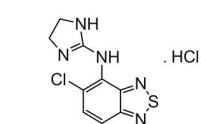


### Valganciclovir Hydrochloride - Impurity T (Hydrochloride Salt)

Catalogue No.: **PA 22 33580** CAS : **1393911-57-3** Molecular Formula : **C<sub>14</sub>H<sub>23</sub>ClN<sub>6</sub>O<sub>5</sub>** Molecular Weight : **390.82**

## Tizanidine Hydrochloride

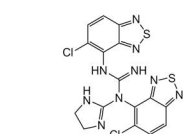
An α<sub>2</sub> adrenergic agonist drug used in the treatment of spasms, cramping, and tightness of muscles. A muscle relaxing drug. Reference standards of Tizanidine Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### Tizanidine Hydrochloride - API Standards

Catalogue No.: **PA 20 86000** CAS : **64461-82-1** Molecular Formula : **C<sub>9</sub>H<sub>9</sub>Cl<sub>2</sub>N<sub>5</sub>S** Molecular Weight : **290.17**

**SIMILAR PRODUCTS** ▼

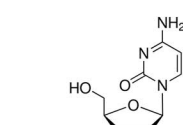


### Tizanidine Hydrochloride - Impurity F

Catalogue No.: **PA 20 86060** CAS : **1147548-85-3** Molecular Formula : **C<sub>16</sub>H<sub>11</sub>Cl<sub>2</sub>N<sub>9</sub>S<sub>2</sub>** Molecular Weight : **464.35**

## Zalcitabine

Zalcitabine is an oral medication that is used for the treatment of infections with the human immunodeficiency virus. It is also called dideoxycytidine, is a nucleoside analog reverse-transcriptase inhibitor sold under the trade name Hivid. Reference standards of Zalcitabine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



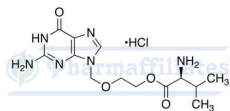
### Zalcitabine - API Standards

Catalogue No.: **PA 26 23000** CAS : **7481-89-2** Molecular Formula : **C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>** Molecular Weight : **211.22**

# Valaciclovir Hydrochloride

Valaciclovir Hydrochloride is used to treat outbreaks of herpes simplex or herpes zoster. It is available as a generic medication. Valaciclovir, also spelled valacyclovir. Reference standards of Valaciclovir Hydrochloride API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

## Valaciclovir Hydrochloride - API Standards



Catalogue No.: **PA 22 01000**

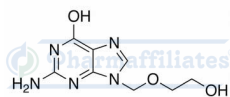
CAS : **124832-27-5**

Molecular Formula : **C<sub>13</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>4</sub>**

Molecular Weight : **360.80**

**SIMILAR PRODUCTS** ▼

## Valaciclovir Hydrochloride - Impurity B (Freebase)



Catalogue No.: **PA 22 01020**

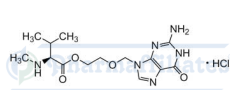
CAS : **59277-89-3**

Molecular Formula : **C<sub>8</sub>H<sub>11</sub>N<sub>5</sub>O<sub>3</sub>**

Molecular Weight : **225.20**

**SIMILAR PRODUCTS** ▼

## Valaciclovir - Impurity C (Hydrochloride Salt)



Catalogue No.: **PA 22 01030**

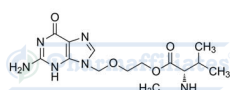
CAS : **1346617-39-7**

Molecular Formula : **C<sub>14</sub>H<sub>23</sub>ClN<sub>6</sub>O<sub>4</sub>**

Molecular Weight : **374.82**

**SIMILAR PRODUCTS** ▼

## Valaciclovir - Impurity D



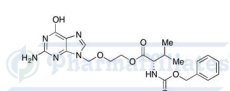
Catalogue No.: **PA 22 01040**

CAS : **1346747-69-0**

Molecular Formula : **C<sub>15</sub>H<sub>24</sub>N<sub>6</sub>O<sub>4</sub>**

Molecular Weight : **352.39**

## Valaciclovir - Impurity E



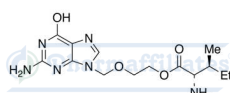
Catalogue No.: **PA 22 01050**

CAS : **124832-31-1**

Molecular Formula : **C<sub>21</sub>H<sub>26</sub>N<sub>6</sub>O<sub>6</sub>**

Molecular Weight : **458.47**

## Valaciclovir - Impurity J



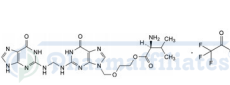
Catalogue No.: **PA 22 01100**

CAS : **142963-63-1**

Molecular Formula : **C<sub>14</sub>H<sub>22</sub>N<sub>6</sub>O<sub>4</sub>**

Molecular Weight : **338.36**

## Valaciclovir - Impurity N (Trifluoroacetate Salt)



Catalogue No.: **PA 22 01140**

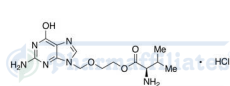
CAS : **NA**

Molecular Formula : **C<sub>21</sub>H<sub>26</sub>F<sub>3</sub>N<sub>11</sub>O<sub>7</sub>**

Molecular Weight : **601.50**

**SIMILAR PRODUCTS** ▼

## Valaciclovir - Impurity R



Catalogue No.: **PA 22 01510**

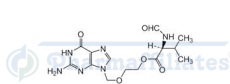
CAS : **124832-28-6**

Molecular Formula : **C<sub>13</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>4</sub>**

Molecular Weight : **360.80**

**SIMILAR PRODUCTS** ▼

## Valaciclovir - Impurity M

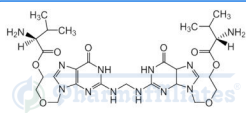


Catalogue No.: **PA 22 01520**

CAS : **847670-62-6**

Molecular Formula : **C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub>**

Molecular Weight : **352.35**



### Valaciclovir - Impurity P

Catalogue No.: **PA 22 01160**

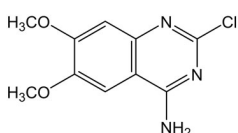
CAS : **1356019-51-6**

Molecular Formula : **C<sub>27</sub>H<sub>42</sub>N<sub>12</sub>O<sub>8</sub>**

Molecular Weight : **662.71**

## Terazosin Hydrochloride Dihydrate

A quinazoline derivative which is an alpha-1-selective adrenoceptor blocking agent used on once-a-day basis for therapy of mild-to-moderate hypertension. Terazosin is indicated for the treatment of symptomatic benign prostatic hyperplasia (BPH). Reference standards of Terazosin Hydrochloride Dihydrate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



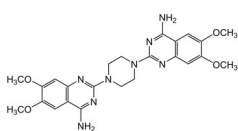
### Terazosin Hydrochloride Dihydrate - Impurity A

Catalogue No.: **PA 20 11010**

CAS : **23680-84-4**

Molecular Formula : **C<sub>16</sub>H<sub>10</sub>ClN<sub>3</sub>O<sub>2</sub>**

Molecular Weight : **239.66**



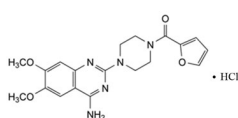
### Terazosin Hydrochloride Dihydrate - Impurity E

Catalogue No.: **PA 20 11050**

CAS : **102839-00-9**

Molecular Formula : **C<sub>24</sub>H<sub>28</sub>N<sub>8</sub>O<sub>4</sub>**

Molecular Weight : **492.53**



### Terazosin - Impurity K

Catalogue No.: **PA 20 11110**

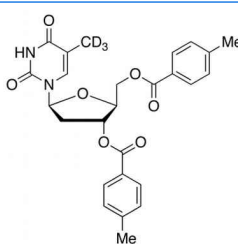
CAS : **19237-84-4**

Molecular Formula : **C<sub>19</sub>H<sub>22</sub>ClN<sub>5</sub>O<sub>4</sub>**

Molecular Weight : **419.86**

## Telbivudine

Telbivudine is used to treat long-term hepatitis B infection. Telbivudine helps to decrease the amount of hepatitis B virus in your body. Reference standards Telbivudine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



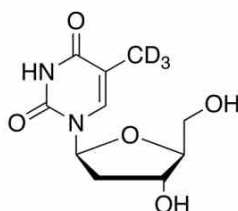
### 3'-Di-toluoyl-L-thymidine-d3 (α/β mixture)

Catalogue No.: **PA STI 035920**

CAS : **74848-87-6**

Molecular Formula : **C<sub>26</sub>H<sub>23</sub>D<sub>3</sub>N<sub>2</sub>O<sub>7</sub>**

Molecular Weight : **481.51**



### Telbivudine-d3

Catalogue No.: **PA STI 081280**

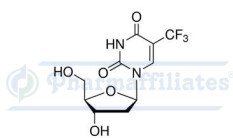
CAS : **NA**

Molecular Formula : **C<sub>10</sub>H<sub>11</sub>D<sub>3</sub>N<sub>2</sub>O<sub>5</sub>**

Molecular Weight : **245.25**

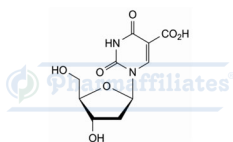
## Trifluridine

Trifluridine is used to treat eye infections caused by herpes simplex virus, which can lead to swelling or ulcers in the eyelids or cornea. It is an antiviral medicine. Reference standards of Trifluridine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



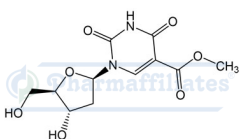
### Trifluridine - API Standards

Catalogue No.: **PA 47 07000** CAS : **70-00-8** Molecular Formula : **C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub>** Molecular Weight : **296.20**



### Trifluridine - Impurity A (Freebase)

Catalogue No.: **PA 47 07510** CAS : **14599-46-3** Molecular Formula : **C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>7</sub>** Molecular Weight : **272.21**

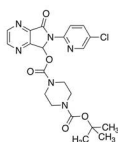


### Methyl 1-((2R,4S,5R)-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate

Catalogue No.: **PA 47 0071001** CAS : **158021-27-3** Molecular Formula : **C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub>** Molecular Weight : **286.24**

## Zopiclone

Zopiclone is used for the short-term treatment of insomnia where sleep initiation or sleep maintenance are prominent symptoms. It is sold under the brand name Imovane. Reference standards of Zopiclone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



### N-Boc-N-desmethyl Zopiclone

Catalogue No.: **PA 26 09510** CAS : **1076199-62-6** Molecular Formula : **C<sub>21</sub>H<sub>23</sub>ClN<sub>6</sub>O<sub>5</sub>** Molecular Weight : **474.9**

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Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
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Благовещенск (4162)22-76-07  
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Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37  
Пермь (342)205-81-47

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Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
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Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
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Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
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