

Стандарты на нитрозамин А

Технические характеристики

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Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
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Якутск (4112)23-90-97
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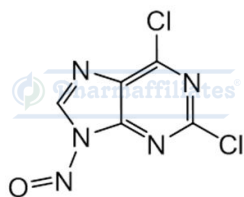
Казахстан +7(7172)727-132

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эл.почта: peb@nt-rt.ru || сайт: <https://pharmaffiliates.nt-rt.ru/>

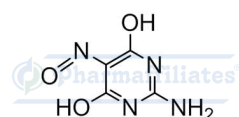
Abacavir

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.



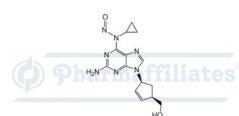
2,6-Dichloro-9-nitroso-9H-purine

Catalogue No.: **PA 01 01810** CAS : **2514773-56-7** Molecular Formula : **C₅HCl₂N₅O** Molecular Weight : **218**



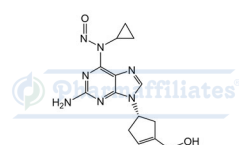
2,Amino,5,nitroso,4,6,pyrimidinediol

Catalogue No.: **PA 01 01790** CAS : **55482-22-9** Molecular Formula : **C₄H₄N₄O₃** Molecular Weight : **156.1**



Abacavir Nitroso Impurity

Catalogue No.: **PA 01 0011008** CAS : **NA** Molecular Formula : **C₁₄H₁₇N₇O₂** Molecular Weight : **315.34**

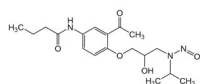


N-Nitroso Abacavir Impurity

Catalogue No.: **PA 01 0011014** CAS : **NA** Molecular Formula : **C₁₄H₁₇N₇O₂** Molecular Weight : **315.34**

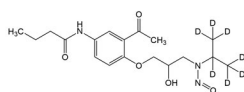
Acebutolol

Acebutolol is used to treat hypertension and heart rhythm disorders. It is sold under the brand names Sectral. Reference standards of Acebutolol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso-Acebutolol

Catalogue No.: **PA 01 3301000** CAS : **NA** Molecular Formula : **C₁₈H₂₇N₃O₅** Molecular Weight : **365.43**

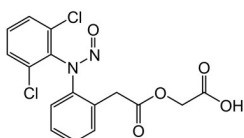


N-(3-Acetyl-4-(2-hydroxy-3-(nitroso(propan-2-yl-d7)amino)propoxy)phenyl)butyramide

Catalogue No.: **PA STI 089609** CAS : **NA** Molecular Formula : **C₁₈H₂₀D₇N₃O₅** Molecular Weight : **372.47**

Aceclofenac

An orally administered phenyl acetic acid ester, Aceclofenac is used as anti-inflammatory drug. It is a cytokine inhibitor and used in the treatment of arthritis and spondylitis. Reference standards of Aceclofenac API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

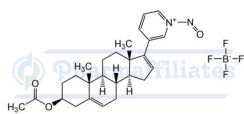


N-Nitroso Aceclofenac

Catalogue No.: **PA 01 0101003** CAS : **NA** Molecular Formula : **C₁₆H₁₂Cl₂N₂O₅** Molecular Weight : **383.18**

Abiraterone Acetate

An active metabolite of Abiraterone Acetate, it is a steroidal antiandrogen and used in the treatment of metastatic castration-resistant prostate cancer. It is sold under the brand name of Zytiga, Abiratas, Abretone, Abirapro. Reference standards of Abiraterone Acetate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso Abiraterone Acetate Tetrafluoroborate

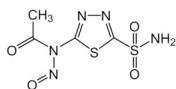
Catalogue No.: **PA 01 0041023** CAS : **NA**

Molecular Formula : **C₂₆H₃₃BF₄N₂O₃**

Molecular Weight : **508.36**

Acetazolamide

A carbonic anhydrase inhibitor, which is sold under the brand name of Diamox, Acetazolamide is used in the treatment of glaucoma, epileptic seizure, altitude sickness. It is also used as a diuretic. Reference standards of Acetazolamide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso-N-(5-sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide

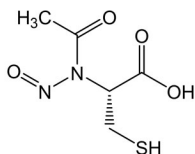
Catalogue No.: **PA 01 0151000** CAS : **NA**

Molecular Formula : **C₄H₅N₅O₄S₂**

Molecular Weight : **251.24**

Acetylcysteine

A metabolite of methyl isocyanate, Acetylcysteine is used in the treatment of paracetamol (acetaminophen) overdose, chronic obstructive pulmonary disease. Reference standards of Acetylcysteine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Acetyl-N-nitroso-L-cysteine

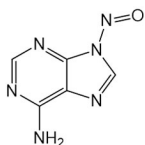
Catalogue No.: **PA 01 0171002** CAS : **NA**

Molecular Formula : **C₅H₈N₂O₄S**

Molecular Weight : **192.19**

Adenine

Adenine used in forming nucleotides of the nucleic acids. Adenine is a nucleobase. Reference standards of Adenine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



Nitroso Adenine

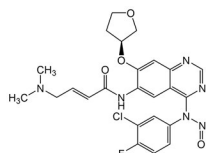
Catalogue No.: **PA 01 3041002** CAS : **2615274-45-6**

Molecular Formula : **C₅H₄N₆O**

Molecular Weight : **164.13**

Afatinib

afatinib is a protein kinase inhibitor, it is used for the treatment of patients with distinct types of metastatic (EGFR mutation positive) non-small cell lung carcinoma (NSCLC), developed by Boehringer Ingelheim. It is also known as Gilotrif and Giotrif. Reference standards of Afatinib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



(S,E)-N-(4-((3-Chloro-4-fluorophenyl)(nitroso)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)-4-(dimethylamino)but-2-enamide

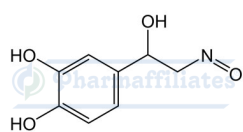
Catalogue No.: **PA 28 0021014** CAS : **NA**

Molecular Formula : **C₂₄H₂₄ClF₂N₆O₄**

Molecular Weight : **514.94**

Adrenaline

Adrenaline is a Beta-adrenoceptor agonist and is also known as Epinephrine Acid Tartrate. Reference standards of Adrenaline API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



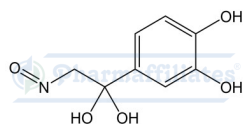
4-(1-Hydroxy-2-nitrosoethyl)benzene-1,2-diol

Catalogue No.: **PA 28 0341010**

CAS : **NA**

Molecular Formula : **C₈H₉NO₄**

Molecular Weight : **183.16**



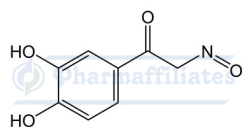
4-(1,1-Dihydroxy-2-nitrosoethyl)benzene-1,2-diol

Catalogue No.: **PA 28 0341015**

CAS : **NA**

Molecular Formula : **C₈H₉NO₅**

Molecular Weight : **199.16**



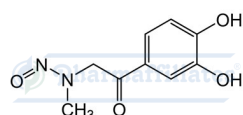
1-(3,4-Dihydroxyphenyl)-2-nitrosoethan-1-one

Catalogue No.: **PA 28 0341016**

CAS : **NA**

Molecular Formula : **C₈H₇NO₄**

Molecular Weight : **181.15**



N-(2-(3,4-Dihydroxyphenyl)-2-oxoethyl)-N-methylnitrous amide

Catalogue No.: **PA 28 0341024**

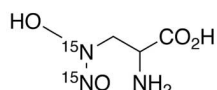
CAS : **NA**

Molecular Formula : **C₉H₁₀N₂O₄**

Molecular Weight : **210.19**

Alanosine

An amino acid analogue and antibiotic derived from the bacterium Streptomyces alanosinicus with antimetabolite and potential antineoplastic activities. It is used as one of a few experimental treatments for patients with deadly pancreatic cancer when the main chemotherapeutic treatment regimen of gemcitabine is no longer useful. Reference standards of Alanosine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



D,L-Alanosine-15N2

Catalogue No.: **PA STI 004420**

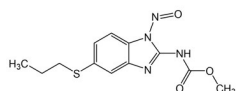
CAS : **1219187-51-5**

Molecular Formula : **C₃H₇N₁₅N₂O₄**

Molecular Weight : **151.09**

Albendazole

Albendazole is a benzimidazole broad-spectrum anthelmintic, used for the treatment of variety of parasitic worm infestations. Albendazole is oxidized into albendazole sulfoxide by a liver enzyme. Reference standards of Albendazole API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso Albendazole

Catalogue No.: **PA 01 0331007**

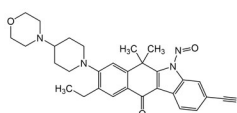
CAS : **NA**

Molecular Formula : **C₁₂H₁₄N₄O₃S**

Molecular Weight : **294.33**

Alectinib

Alectinib is used to treat a certain type of lung cancer. It is an oral drug that blocks the activity of anaplastic lymphoma kinase. Reference standards of Alectinib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



9-Ethyl-6,6-dimethyl-8-(4-morpholinopiperidin-1-yl)-5-nitroso-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile

Catalogue No.: **PA 01 2981005**

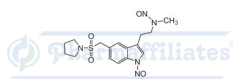
CAS : **NA**

Molecular Formula : **C₃₀H₃₃N₅O₃**

Molecular Weight : **511.63**

Almotriptan

Almotriptan is prescribed to treat the acute headache phase of migraine attacks with or without aura. It is a triptan drug discovered and developed by Almirall for the treatment of heavy migraine headache. Reference standards of Almotriptan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

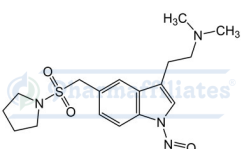


N-Methyl-N-(2-(1-nitroso-5-((pyrrolidin-1-ylsulfonyl)methyl)-1H-indol-3-yl)ethyl)nitrous Amide

Catalogue No.: **PA 28 0841000** CAS : **NA**

Molecular Formula : **C₁₆H₂₁N₅O₄S**

Molecular Weight : **379.44**

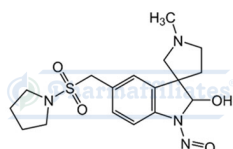


N,N-Dimethyl-2-(1-nitroso-5-((pyrrolidin-1-ylsulfonyl)methyl)-1H-indol-3-yl)ethan-1-amine

Catalogue No.: **PA 28 0841006** CAS : **NA**

Molecular Formula : **C₁₇H₂₄N₄O₃S**

Molecular Weight : **364.46**



N-Nitroso Spiro Almotriptan

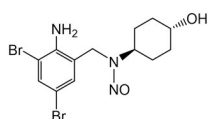
Catalogue No.: **PA 28 0841008** CAS : **NA**

Molecular Formula : **C₁₇H₂₄N₄O₄S**

Molecular Weight : **380.46**

Ambroxol

Ambroxol is indicated as "secretolytic therapy in bronchopulmonary diseases associated with abnormal mucus secretion and impaired mucus transport. It is a drug. Reference standards of Ambroxol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso-Ambroxol

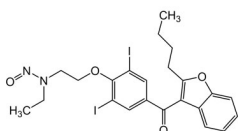
Catalogue No.: **PA 28 0491004** CAS : **NA**

Molecular Formula : **C₁₃H₁₇Br₂N₃O₂**

Molecular Weight : **407.11**

Amiodarone

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



N-Nitroso Desethyl Amiodarone

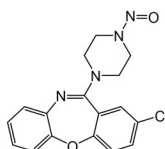
Catalogue No.: **PA 01 2661000** CAS : **678982-38-2**

Molecular Formula : **C₂₃H₂₄I₂N₂O₄**

Molecular Weight : **646.26**

Amoxapine

Amoxapine first received marketing approval in the United States in 1992. It is used in the treatment of major depressive disorder. Reference standards of Amoxapine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso-Amoxapine

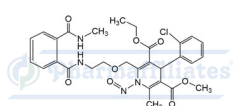
Catalogue No.: **PA 28 0721006** CAS : **NA**

Molecular Formula : **C₁₇H₁₅ClN₄O₂**

Molecular Weight : **342.78**

Amlodipine

Amlodipine is commonly used in the treatment of high blood pressure and angina. Amlodipine, initially approved by the FDA in 1987, is a popular antihypertensive drug belonging to the group of drugs called dihydropyridine calcium channel blockers. Reference standards of Amlodipine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

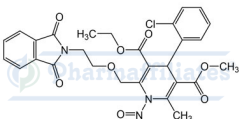


Nitroso Amlodipine

Catalogue No.: **PA 01 0491012** CAS : **NA**

Molecular Formula : **C₂₉H₃₁ClN₄O₈**

Molecular Weight : **599.04**

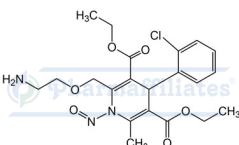


Nitroso Phthaloyl Amlodipine

Catalogue No.: **PA 01 0491013** CAS : **NA**

Molecular Formula : **C₂₈H₂₆ClN₃O₈**

Molecular Weight : **567.98**

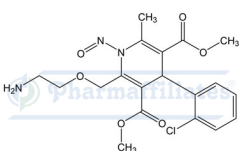


Diethyl 2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1-nitroso-1,4-dihydropyridine-3,5-dicarboxylate

Catalogue No.: **PA 01 0501014** CAS : **NA**

Molecular Formula : **C₂₁H₂₆ClN₃O₆**

Molecular Weight : **451.9**

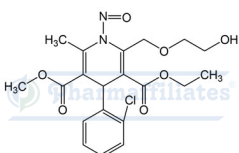


Dimethyl 2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1-nitroso-1,4-dihydropyridine-3,5-dicarboxylate

Catalogue No.: **PA 01 0501015** CAS : **NA**

Molecular Formula : **C₁₉H₂₂ClN₃O₆**

Molecular Weight : **423.85**

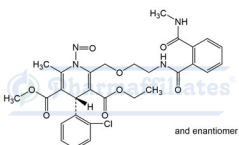


3-Ethyl 5-methyl 4-(2-chlorophenyl)-2-((2-hydroxyethoxy)methyl)-6-methyl-1-nitroso-1,4-dihydropyridine-3,5-dicarboxylate

Catalogue No.: **PA 01 0491022** CAS : **NA**

Molecular Formula : **C₂₀H₂₃ClN₂O₇**

Molecular Weight : **438.86**

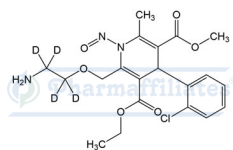


3-Ethyl 5-methyl (R)-4-(2-chlorophenyl)-6-methyl-2-((2-(methylcarbamoyl)benzamido)ethoxy)methyl)-1-nitroso-1,4-dihydropyridine-3,5-dicarboxylate

Catalogue No.: **PA 01 0491023** CAS : **NA**

Molecular Formula : **C₂₉H₃₁ClN₄O₈**

Molecular Weight : **599.04**



N-Nitroso Amlodipine-d4

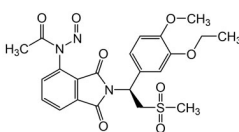
Catalogue No.: **PA STI 089646** CAS : **NA**

Molecular Formula : **C₂₀H₂₀D₄ClN₃O₆**

Molecular Weight : **441.9**

Apremilast

Apremilast may also be useful for other immune system related inflammatory diseases.. Reference standards of Apremilast API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

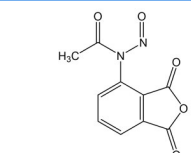


N-Nitroso Apremilast

Catalogue No.: **PA 28 0241038** CAS : **NA**

Molecular Formula : **C₂₂H₂₃N₃O₈S**

Molecular Weight : **489.5**



N-(1,3-Dioxo-1,3-dihydroisobenzofuran-4-yl)-N-nitrosoacetamide

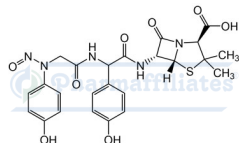
Catalogue No.: **PA 28 0241039** CAS : **NA**

Molecular Formula : **C₁₀H₆N₂O₅**

Molecular Weight : **234.17**

Amoxicillin

Amoxicillin is used in the treatment of a number of infections, including acute otitis media, streptococcal pharyngitis, pneumonia, skin infections, urinary tract infections, Salmonella infections, Lyme disease, and chlamydia infections. It is discovered in 1958 and came into medical use in 1972. Reference standards of Amoxicillin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



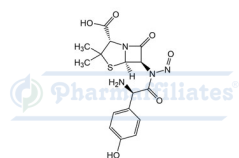
(2S,5R,6R)-6-(2-(4-Hydroxyphenyl)-2-((4-hydroxyphenyl)(nitroso)amino)acetamido)acetamido-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid

Catalogue No.: **PA 28 0951014**

CAS : **NA**

Molecular Formula : **C₂₄H₂₅N₅O₈S**

Molecular Weight : **543.55**



(2S,5R,6R)-6-((R)-2-Amino-2-(4-hydroxyphenyl)-N-nitrosoacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid

Catalogue No.: **PA 28 0951018**

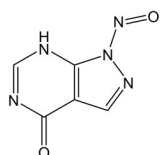
CAS : **NA**

Molecular Formula : **C₁₆H₁₈N₄O₆S**

Molecular Weight : **394.40**

Allopurinol

Allopurinol is a purine analog and it is a structural isomer of hypoxanthine. It is an inhibitor of the enzyme xanthine oxidase. Allopurinol is used to treat excess uric acid in the blood and gout. It is sold under the brand name Zyloprim. Reference standards of Allopurinol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



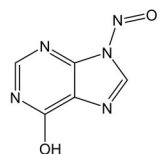
N-Nitroso Allopurinol

Catalogue No.: **PA 01 0391002**

CAS : **NA**

Molecular Formula : **C₅H₃N₅O₂**

Molecular Weight : **165.11**



9-Nitroso-9H-purin-6-ol

Catalogue No.: **PA 01 0391003**

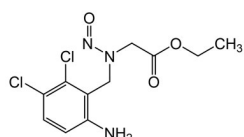
CAS : **NA**

Molecular Formula : **C₅H₃N₅O₂**

Molecular Weight : **165.11**

Anagrelide

Anagrelide is used to treat essential thrombocytosis, especially when the current treatment of the patient is insufficient. It also has been used in the treatment of chronic myeloid leukemia. Reference standards of Anagrelide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



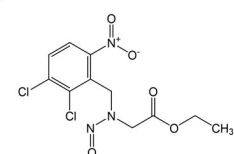
Ethyl N-(6-amino-2,3-dichlorobenzyl)-N-nitrosoglycinate

Catalogue No.: **PA 28 0731005**

CAS : **NA**

Molecular Formula : **C₁₁H₁₃Cl₂N₃O₃**

Molecular Weight : **306.14**



Ethyl N-(2,3-dichloro-6-nitrobenzyl)-N-nitrosoglycinate

Catalogue No.: **PA 28 0731006**

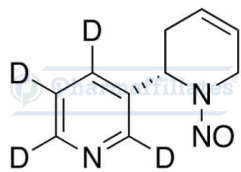
CAS : **NA**

Molecular Formula : **C₁₁H₁₁Cl₂N₃O₅**

Molecular Weight : **336.13**

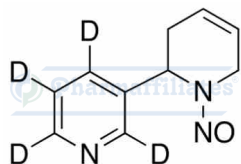
Anatabine

Anatabine is an alkaloid found in tobacco and other plants in the nightshade family. It is one of the minor alkaloids. It may be useful to treat autoimmune diseases and Alzheimer's disease. Reference standards of Anatabine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



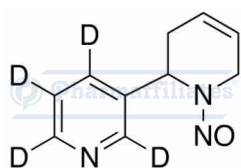
(S)-N-Nitroso Anatabine-d4

Catalogue No.: **PA STI 068390** CAS : **1426174-82-4** Molecular Formula : **C₁₀H₇D₄N₃O** Molecular Weight : **193.24**



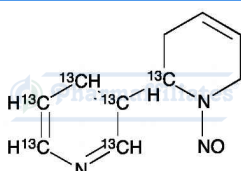
(R,S)-N-Nitroso Anatabine-2,4,5,6-d4

Catalogue No.: **PA STI 068400** CAS : **1020719-69-0** Molecular Formula : **C₁₀H₇D₄N₃O** Molecular Weight : **193.24**



1,2,3,6-Tetrahydro-1-nitroso-2,3'-bipyridine-2',4',5',6'-d4

Catalogue No.: **PA STI 068410** CAS : **1020719-69-0** Molecular Formula : **C₁₀H₇D₄N₃O** Molecular Weight : **193.24**

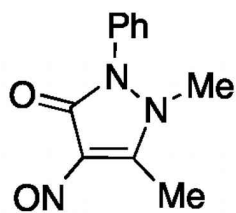


(R,S)-N-Nitroso Anatabine-13C6

Catalogue No.: **PA STI 068420** CAS : **NA** Molecular Formula : **C₄₁₃C₆H₁₁N₃O** Molecular Weight : **195.17**

Antipyrine

A metabolite of Metamizol or dipyrone. antipyrine is an in house impurity of Acedoben. Reference standards of Antipyrine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

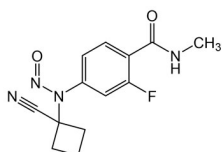


Nitrosoantipyrine

Catalogue No.: **PA STI 067950** CAS : **885-11-0** Molecular Formula : **C₁₁H₁₁N₃O₂** Molecular Weight : **217.22**

Apalutamide

Apalutamide, sold under the brand name Erleada among others, is a nonsteroidal antiandrogen medication which is used in the treatment of prostate cancer. It is specifically indicated for use in conjunction with castration in the treatment of non-metastatic castration-resistant prostate cancer. Reference standards of Apalutamide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

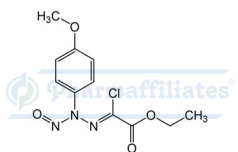
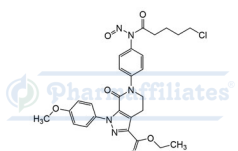
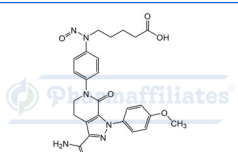
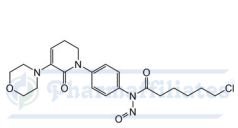
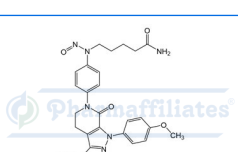
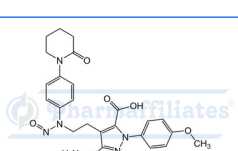
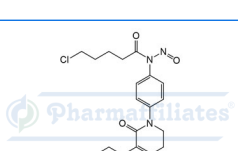
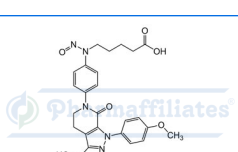
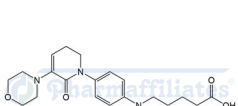


4-((1-Cyanocyclobutyl)(nitroso)amino)-2-fluoro-N-methylbenzamide

Catalogue No.: **PA 01 2921023** CAS : **NA** Molecular Formula : **C₁₃H₁₃FN₄O₂** Molecular Weight : **276.27**

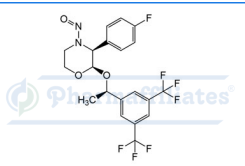
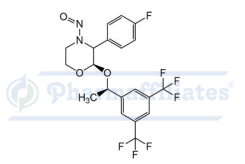
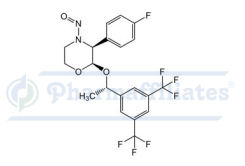
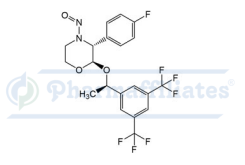
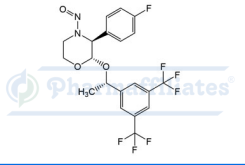
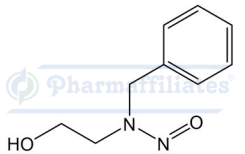
Apixaban

Apixaban, sold under the trade name Eliquis among others, is an anticoagulant used to treat and prevent blood clots and to prevent stroke in people with nonvalvular atrial fibrillation.. Reference standards of Apixaban API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	Ethyl (Z)-2-chloro-2-(2-(4-methoxyphenyl)-2-nitrosohydrazono)acetate	Catalogue No.: PA 28 0111046	CAS : NA	Molecular Formula : C₁₁H₁₂ClN₃O₄	Molecular Weight : 285.68
	Ethyl 6-(4-(5-chloro-N-nitrosopentanamido)phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate	Catalogue No.: PA 28 0111047	CAS : NA	Molecular Formula : C₂₇H₂₈ClN₅O₆	Molecular Weight : 554
	N-Nitroso Apixaban Amino Acid Impurity	Catalogue No.: PA 28 0111049	CAS : NA	Molecular Formula : C₂₅H₂₆N₆O₆	Molecular Weight : 506.52
	6-Chloro-N-(4-(5-morpholino-6-oxo-3,6-dihydropyridin-1(2H)-yl)phenyl)-N-nitrosohexanamide	Catalogue No.: PA 28 0111050	CAS : NA	Molecular Formula : C₂₁H₂₇ClN₄O₄	Molecular Weight : 434.92
	6-(4-((5-Amino-5-oxopentyl)(nitroso)amino)phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide	Catalogue No.: PA 28 0111058	CAS : NA	Molecular Formula : C₂₅H₂₇N₇O₅	Molecular Weight : 505.54
	3-Carbamoyl-1-(4-methoxyphenyl)-4-(2-(nitroso(4-(2-oxopiperidin-1-yl)phenyl)amino)ethyl)-1H-pyrazole-5-carboxylic Acid	Catalogue No.: PA 28 0111059	CAS : NA	Molecular Formula : C₂₅H₂₆N₆O₆	Molecular Weight : 506.52
	5-Chloro-N-(4-(5-morpholino-6-oxo-3,6-dihydropyridin-1(2H)-yl)phenyl)-N-nitrosopentanamide	Catalogue No.: PA 28 0111068	CAS : NA	Molecular Formula : C₂₀H₂₅ClN₄O₄	Molecular Weight : 420.89
	6-(4-((4-Carboxybutyl)(nitroso)amino)phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic Acid	Catalogue No.: PA 28 0111078	CAS : NA	Molecular Formula : C₂₅H₂₅N₅O₇	Molecular Weight : 507.5
	5-((4-(5-Morpholino-6-oxo-3,6-dihydropyridin-1(2H)-yl)phenyl)amino)pentanoic Acid	Catalogue No.: PA 28 0111079	CAS : NA	Molecular Formula : C₂₀H₂₇N₃O₄	Molecular Weight : 373.45

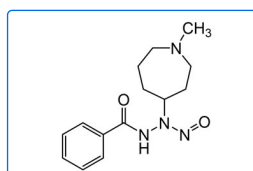
Aprepitant

Aprepitant is used to prevent chemotherapy-induced nausea and vomiting and to prevent postoperative nausea and vomiting.. Reference standards of Aprepitant API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	(2R,3S)-2-((R)-1-(3,5-Bis(trifluoromethyl)phenyl)ethoxy)-3-(4-fluorophenyl)-4-nitrosomorpholine	Catalogue No.: PA 28 0071023	CAS : NA	Molecular Formula : C₂₀H₁₇F₇N₂O₃	Molecular Weight : 466.36
	(2R)-2-((R)-1-(3,5-Bis(trifluoromethyl)phenyl)ethoxy)-3-(4-fluorophenyl)-4-nitrosomorpholine	Catalogue No.: PA 28 0071025	CAS : NA	Molecular Formula : C₂₀H₁₇F₇N₂O₃	Molecular Weight : 466.36
	(2R,3S)-2-((S)-1-(3,5-Bis(trifluoromethyl)phenyl)ethoxy)-3-(4-fluorophenyl)-4-nitrosomorpholine	Catalogue No.: PA 28 0071024	CAS : NA	Molecular Formula : C₂₀H₁₇F₇N₂O₃	Molecular Weight : 466.36
	(2R,3R)-2-((R)-1-(3,5-bis(Trifluoromethyl)phenyl)ethoxy)-3-(4-fluorophenyl)-4-nitrosomorpholine	Catalogue No.: PA 28 0071028	CAS : NA	Molecular Formula : C₂₀H₁₇F₇N₂O₃	Molecular Weight : 466.36
	(2S,3S)-2-((S)-1-(3,5-bis(Trifluoromethyl)phenyl)ethoxy)-3-(4-fluorophenyl)-4-nitrosomorpholine	Catalogue No.: PA 28 0071029	CAS : NA	Molecular Formula : C₂₀H₁₇F₇N₂O₃	Molecular Weight : 466.36
	N-Benzyl-N-(2-hydroxyethyl)nitrous amide	Catalogue No.: PA 28 0071032	CAS : 77817-40-4	Molecular Formula : C₉H₁₂N₂O₂	Molecular Weight : 180.21

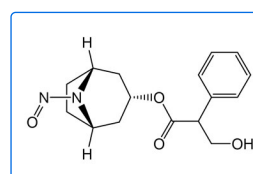
Azelastine

A histamine-H1-receptor antagonist, Azelastine is used in the treatment of rhinitis. It shows anti-histamine effect, mast-cell stabilizing effect and anti-inflammatory effect. Reference standards of Azelastine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	N-Nitroso Azelastine	Catalogue No.: PA 28 0591005	CAS : NA	Molecular Formula : C₁₄H₂₀N₄O₂	Molecular Weight : 276.34
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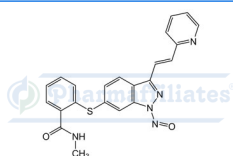
Atropine

A naturally occurring compound found in number of plants of the nightshade family. Atropine is used in the treatment of certain types of nerve agent, pesticide poisoning and some types of slow heart rate. Atropine is a competitive, reversible antagonist of the muscarinic acetylcholine receptors. Reference standards of Atropine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	(1R,3r,5S)-8-Nitroso-8-azabicyclo[3.2.1]octan-3-yl 3-hydroxy-2-phenylpropanoate	Catalogue No.: PA 01 0851002	CAS : 55855-45-3	Molecular Formula : C₁₆H₂₀N₂O₄	Molecular Weight : 304.35
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Axitinib

Axitinib is an indazole derivative. It is most commonly marketed under the name Inlyta® and is available in oral formulations. x000D_ Axitinib is a second generation tyrosine kinase inhibitor that works by selectively inhibiting vascular endothelial growth factor receptors (VEGFR-1, VEGFR-2, VEGFR-3).7. Reference standards of Axitinib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

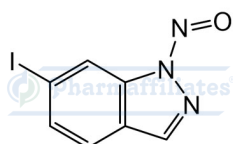


N-Nitroso Axitinib

Catalogue No.: **PA 28 0451019** CAS : **NA**

Molecular Formula : **C₂₂H₁₇N₅O₂S**

Molecular Weight : **415.47**

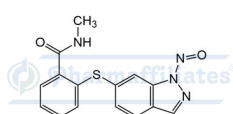


6-Iodo-1-nitroso-1H-indazole

Catalogue No.: **PA 28 0451021** CAS : **NA**

Molecular Formula : **C₇H₄IN₃O**

Molecular Weight : **273.03**

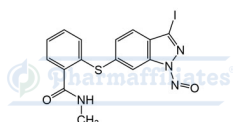


N-Methyl-2-((1-nitroso-1H-indazol-6-yl)thio)benzamide

Catalogue No.: **PA 28 0451022** CAS : **NA**

Molecular Formula : **C₁₅H₁₂N₄O₂S**

Molecular Weight : **312.35**



2-((3-Iodo-1-nitroso-1H-indazol-6-yl)thio)-N-methylbenzamide

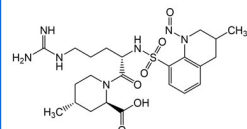
Catalogue No.: **PA 28 0451023** CAS : **NA**

Molecular Formula : **C₁₅H₁₁IN₄O₂S**

Molecular Weight : **438.24**

Argatroban

The American College of Cardiologists recommend using bivalirudin or argatroban in patients who have had, or at risk for, heparin induced thrombocytopenia and are undergoing percutaneous coronary intervention. It is a direct, selective thrombin inhibitor.. Reference standards of Argatroban API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



(2R,4R)-4-Methyl-1-(((3-methyl-1-nitroso-1,2,3,4-tetrahydroquinolin-8-yl)sulfonyl)-L-arginyl)piperidine-2-carboxylic Acid

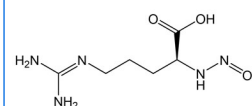
Catalogue No.: **PA 01 0681015** CAS : **NA**

Molecular Formula : **C₂₃H₃₅N₇O₆S**

Molecular Weight : **537.64**

Arginine

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



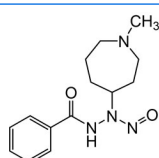
(S)-5-((Diaminomethylene)amino)-2-(nitrosoamino)pentanoic Acid

Catalogue No.: **PA 01 0691009** CAS : **2492451-27-9** Molecular Formula : **C₆H₁₃N₅O₃**

Molecular Weight : **203.2**

Azelastine

A histamine-H1-receptor antagonist, Azelastine is used in the treatment of rhinitis. It shows anti-histamine effect, mast-cell stabilizing effect and anti-inflammatory effect. Reference standards of Azelastine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso Azelastine

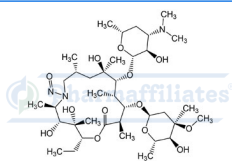
Catalogue No.: **PA 28 0591005** CAS : **NA**

Molecular Formula : **C₁₄H₂₀N₄O₂**

Molecular Weight : **276.34**

Azithromycin

A broad spectrum antibiotic which is used to inhibit some Gram-positive bacteria, some Gram-negative bacteria, and many atypical bacteria. Azithromycin is an azalide which is a type of macrolide antibiotic. It prevents bacteria from growing by interfering in its protein synthesis. Reference standards of Azithromycin API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

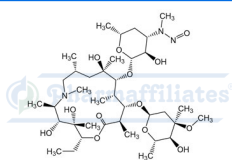


N-Nitroso Azithromycin

Catalogue No.: **PA 01 0881009** CAS : **NA**

Molecular Formula : **C₃₇H₆₉N₃O₁₃**

Molecular Weight : **763.97**

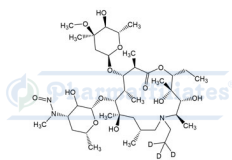


N-((2S,3R,4S,6R)-2-(((2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-2-Ethyl-3,4,10-trihydroxy-13-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-3,5,6,8,10,12,14-heptamethyl-15-oxo-1-oxa-6-azacyclopentadecan-11-yl)oxy)-3-hydroxy-6-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide

Catalogue No.: **PA 01 0881014** CAS : **NA**

Molecular Formula : **C₃₇H₆₉N₃O₁₃**

Molecular Weight : **763.97**



Nitroso N-De Methyl Azithromycin-D3

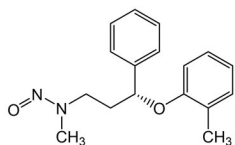
Catalogue No.: **PA STI 089723** CAS : **NA**

Molecular Formula : **C₃₈H₆₈D₃N₃O₁₃**

Molecular Weight : **781.01**

Atomoxetine

Atomoxetine is approved for use in children, adolescents, and adults. It sold under the brand name Strattera among others, is a medication used to treat attention deficit hyperactivity disorder.. Reference standards of Atomoxetine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



N-Nitroso-Atomoxetine

Catalogue No.: **PA 28 0771004**

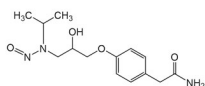
CAS : **3028194-77-3**

Molecular Formula : **C₁₇H₂₀N₂O₂**

Molecular Weight : **284.36**

Atenolol

Atenolol is a beta blocker medication primarily used to treat high blood pressure and heart-associated chest pain.. Reference standards of Atenolol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



N-Nitrosoatenolol

Catalogue No.: **PA 01 0821005**

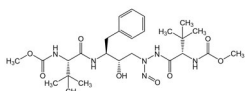
CAS : **134720-04-0**

Molecular Formula : **C₁₄H₂₁N₃O₄**

Molecular Weight : **295.34**

Atazanavir

Atazanavir is used in the treatment of HIV. Atazanavir, sold under the trade name Reyataz. Reference standards of Atazanavir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



Methyl ((5S,10S,11S,14S)-11-benzyl-5-(tert-butyl)-10-hydroxy-15,15-dimethyl-8-nitroso-3,6,13-trioxo-2-oxa-4,7,8,12-tetraazahexadecan-14-yl)carbamate

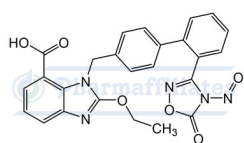
Catalogue No.: **PA 01 2421003** CAS : **NA**

Molecular Formula : **C₂₆H₄₂N₆O₈**

Molecular Weight : **566.66**

Azilsartan

Azilsartan medoxomil has so far been shown to be superior to olmesartan and valsartan in lowering blood pressure. It is an angiotensin II receptor antagonist indicated for the treatment of mild to moderate essential hypertension. . Reference standards of Azilsartan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

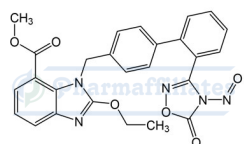


2-Ethoxy-1-((2'-(4-nitroso-5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-benzo[d]imidazole-7-carboxylic Acid

Catalogue No.: **PA 28 0801019** CAS : **NA**

Molecular Formula : **C₂₅H₁₉N₅O₆**

Molecular Weight : **485.46**

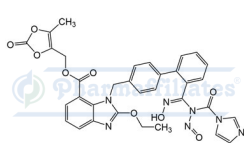


Methyl 2-ethoxy-1-((2'-(4-nitroso-5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-benzo[d]imidazole-7-carboxylate

Catalogue No.: **PA 28 0801020** CAS : **NA**

Molecular Formula : **C₂₆H₂₁N₅O₆**

Molecular Weight : **499.48**

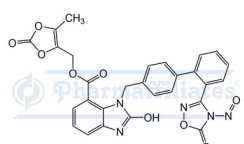


(5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl (Z)-2-ethoxy-1-((2'-(N'-hydroxy-N-(1H-imidazole-1-carbonyl)-N-nitrosocarbamimidoyl)-[1,1'-biphenyl]-4-yl)methyl)-1H-benzo[d]imidazole-7-carboxylate

Catalogue No.: **PA 28 0801021** CAS : **NA**

Molecular Formula : **C₃₃H₂₇N₇O₉**

Molecular Weight : **665.62**



(5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 2-hydroxy-1-((2'-(4-nitroso-5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-benzo[d]imidazole-7-carboxylate

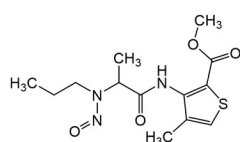
Catalogue No.: **PA 28 0801022** CAS : **NA**

Molecular Formula : **C₂₈H₁₉N₅O₉**

Molecular Weight : **569.49**

Articaine

Articaine is used local anesthetic, its structure has a thiophene ring instead of a benzene ring which differs it from other anaesthetics. Reference standards of Articaine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-Nitroso Articaine

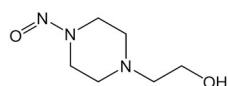
Catalogue No.: **PA 54 0611004** CAS : **NA**

Molecular Formula : **C₁₃H₁₉N₃O₄S**

Molecular Weight : **313.37**

Aripiprazole

Aripiprazole is primarily used for the treatment of schizophrenia or bipolar disorder.. Reference standards of Aripiprazole API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

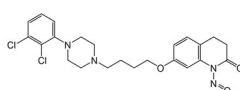


2-(4-Nitrosopiperazin-1-yl)ethan-1-ol

Catalogue No.: **PA 01 0721027** CAS : **48121-20-6**

Molecular Formula : **C₆H₁₃N₃O₂**

Molecular Weight : **159.19**



N-Nitroso Aripiprazole

Catalogue No.: **PA 01 0721031** CAS : **NA**

Molecular Formula : **C₂₃H₂₆Cl₂N₄O₃**

Molecular Weight : **477.39**

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