

Стандарты на нитрозамин Е

Технические характеристики

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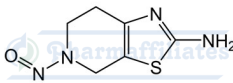
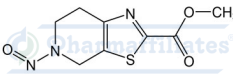
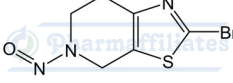
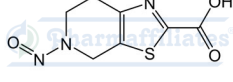
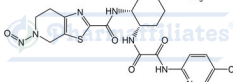
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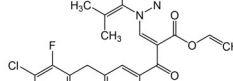
Edoxaban

Edoxaban is a member of the Novel Oral Anti-Coagulants class of drugs, and is a rapidly acting, oral, selective factor Xa inhibitor.. Reference standards of Edoxaban API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

	5-Nitroso-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-amine Catalogue No.: PA 05 0821054 CAS : NA Molecular Formula : C₆H₈N₄OS Molecular Weight : 184.22
	Methyl 5-nitroso-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxylate Catalogue No.: PA 05 0821055 CAS : NA Molecular Formula : C₈H₉N₃O₃S Molecular Weight : 227.24
	2-Bromo-5-nitroso-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine Catalogue No.: PA 05 0821056 CAS : NA Molecular Formula : C₆H₆BrN₃OS Molecular Weight : 248.1
	5-Nitroso-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxylic Acid Catalogue No.: PA 05 0821057 CAS : NA Molecular Formula : C₇H₇N₃O₃S Molecular Weight : 213.21
	N1-(5-Chloropyridin-2-yl)-N2-((1S,2R,4S)-4-(dimethylcarbamoyl)-2-(5-nitroso-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamido)cyclohexyl)oxalamide Catalogue No.: PA 05 0821058 CAS : NA Molecular Formula : C₂₃H₂₇ClN₈O₅S Molecular Weight : 563.03

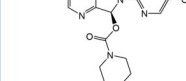
Elvitegravir

Elvitegravir is always used in combination with other HIV medicines. Elvitegravir is an integrase inhibitor. Elvitegravir as a single pill formulation under the trade name Vitekta. Reference standards of Elvitegravir API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	Vinyl (Z)-2-(5-(3-chloro-2-fluorobenzyl)-2,4-difluorobenzoyl)-3-((1-hydroxy-3-methylbut-2-en-2-yl)(nitroso)amino)acrylate Catalogue No.: PA 32 0301023 CAS : NA Molecular Formula : C₂₄H₂₀ClF₃N₂O₅ Molecular Weight : 508.88
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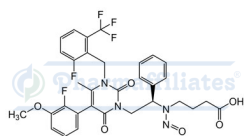
Eszopiclone

Eszopiclone is used to treat a certain sleep problem. It may help you fall asleep faster, stay asleep longer, and lessen how often you wake up during the night, so you can get a better night's rest. Eszopiclone, sold under the brand-name Lunesta. Reference standards of Eszopiclone API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

	(S)-6-(5-Chloropyridin-2-yl)-7-oxo-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-yl 4-nitrosopiperazine-1-carboxylate Catalogue No.: PA 32 0291011 CAS : NA Molecular Formula : C₁₆H₁₄ClN₇O₄ Molecular Weight : 403.78
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Elagolix Sodium

Elagolix Sodium is used in the treatment of pain associated with endometriosis in women. It is sold under the brand name Orilissa. Reference standards of Elagolix Sodium API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

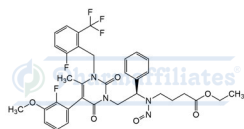


Elagolix Nitroso Impurity

Catalogue No.: **PA 05 1481011** CAS : **NA**

Molecular Formula : **C₃₂H₂₉F₅N₄O₆**

Molecular Weight : **660.6**

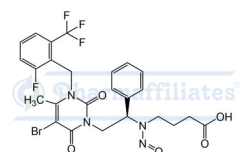


Elagolix Ethyl Ester Nitroso Impurity

Catalogue No.: **PA 05 1481015** CAS : **NA**

Molecular Formula : **C₃₄H₃₃F₅N₄O₆**

Molecular Weight : **688.65**



(R)-4-((2-(5-Bromo-3-(2-fluoro-6-(trifluoromethyl)benzyl)-4-methyl-2,6-dioxo-3,6-dihydropyrimidin-1(2H)-yl)-1-phenylethyl)(nitroso)amino)butanoic Acid

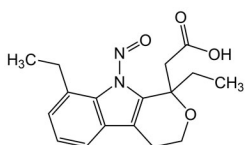
Catalogue No.: **PA 05 1481016** CAS : **NA**

Molecular Formula : **C₂₅H₂₃BrF₄N₄O₅**

Molecular Weight : **615.38**

Etodolac

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

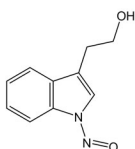


2-(1,8-Diethyl-9-nitroso-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl)acetic Acid

Catalogue No.: **PA 05 0351005** CAS : **NA**

Molecular Formula : **C₁₇H₂₀N₂O₄**

Molecular Weight : **316.36**



1-Nitrosotryptophol

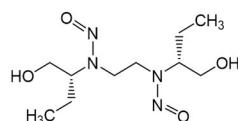
Catalogue No.: **PA 05 0351015** CAS : **120314-14-9**

Molecular Formula : **C₁₀H₁₀N₂O₂**

Molecular Weight : **190.2**

Ethambutol

Ethambutol is used along with other medications to treat a number of infections including tuberculosis, Mycobacterium avium complex, and Mycobacterium kansasii.. Reference standards of Ethambutol API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

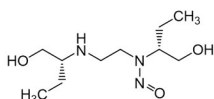


N,N'-(ethane-1,2-diyl)bis(N-((R)-1-hydroxybutan-2-yl)nitrous amide)

Catalogue No.: **PA 32 0201001** CAS : **52322-22-2**

Molecular Formula : **C₁₀H₂₂N₄O₄**

Molecular Weight : **262.31**



N-((R)-1-hydroxybutan-2-yl)-N-(2-(((R)-1-hydroxybutan-2-yl)amino)ethyl)nitrous amide

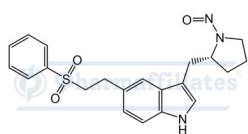
Catalogue No.: **PA 32 0201002** CAS : **78213-39-5**

Molecular Formula : **C₁₀H₂₃N₃O₃**

Molecular Weight : **233.31**

Eletriptan

A serotonin receptor agonist, it is a second generation triptan drug which is used for the treatment of migraine headaches and also used as an abortive medicine. Reference standards of Eletriptan API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



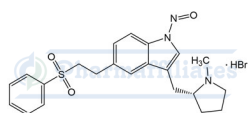
(R)-3-((1-Nitrosopyrrolidin-2-yl)methyl)-5-(2-(phenylsulfonyl)ethyl)-1H-indole

Catalogue No.: **PA 05 0421006**

CAS : **NA**

Molecular Formula : **C₂₁H₂₃N₃O₃S**

Molecular Weight : **397.49**



(R)-3-((1-Methylpyrrolidin-2-yl)methyl)-1-nitroso-5-(2-(phenylsulfonyl)ethyl)-1H-indole Hydrobromide

Catalogue No.: **PA 05 0421019**

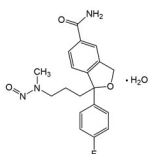
CAS : **NA**

Molecular Formula : **C₂₂H₂₆BrN₃O₃S**

Molecular Weight : **492.43**

Escitalopram

A selective serotonin reuptake inhibitor which acts as an antidepressant. It is the (S)- stereoisomer of Citalopram and is used for the treatment of major depressive disorders, anxiety disorders and OCD. Reference standards of Escitalopram API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



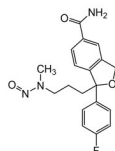
1-(4-Fluorophenyl)-1-(3-(methyl(nitroso)amino)propyl)-1,3-dihydroisobenzofuran-5-carboxamide Hydrate

Catalogue No.: **PA 05 0431012**

CAS : **NA**

Molecular Formula : **C₁₉H₂₂FN₃O₄**

Molecular Weight : **375.4**



1-(4-Fluorophenyl)-1-(3-(methyl(nitroso)amino)propyl)-1,3-dihydroisobenzofuran-5-carboxamide

Catalogue No.: **PA 05 0431014**

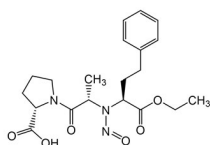
CAS : **NA**

Molecular Formula : **C₁₉H₂₀FN₃O₃**

Molecular Weight : **357.39**

Enalapril

An angiotensin-converting-enzyme (ACE) inhibitor, Enalapril is used for the treatment of hypertension, diabetic nephropathy and chronic heart failure. Also used in kidney failure. It converts angiotensin I to angiotensin II. Reference standards of Enalapril API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



Enalapril N-Nitroso

Catalogue No.: **PA 05 0031009**

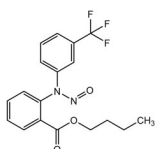
CAS : **NA**

Molecular Formula : **C₂₀H₂₇N₃O₆**

Molecular Weight : **405.45**

Etofenamate

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



N-Nitroso Ufenamate

Catalogue No.: **PA 05 0361005**

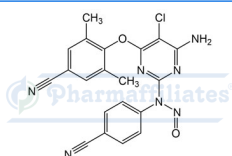
CAS : **NA**

Molecular Formula : **C₁₈H₁₇F₃N₂O₃**

Molecular Weight : **366.34**

Etravirine

Etravirine is used clinically for the treatment of human immunodeficiency virus type 1 infection. It is an antiretroviral agent more specifically classified as a Non-Nucleoside Reverse Transcriptase Inhibitor.. Reference standards of Etravirine API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

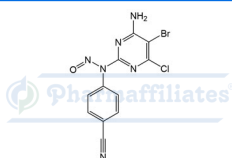


Etravirine Chloro Nitroso Impurity

Catalogue No.: **PA 05 0951011** CAS : **NA**

Molecular Formula : **C₂₀H₁₄ClN₇O₂**

Molecular Weight : **419.83**

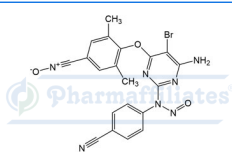


Etravirine Amino Bromo Nitroso Impurity

Catalogue No.: **PA 05 0951012** CAS : **NA**

Molecular Formula : **C₁₁H₆BrClN₆O**

Molecular Weight : **353.56**



Etravirine N-Oxide Nitroso Impurity

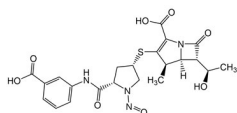
Catalogue No.: **PA 05 0951013** CAS : **NA**

Molecular Formula : **C₂₀H₁₄BrN₇O₃**

Molecular Weight : **480.28**

Ertapenem

Ertapenem is structurally similar to meropenem and possess a 1-beta-methyl group. It is a carbapenem antibiotic drug that is marketed under the trade name Invanz by Merck & Co. pharmaceutical company.. Reference standards of Ertapenem API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



(4R,5S,6S)-3-(((3S,5S)-5-((3-Carboxyphenyl)carbamoyl)-1-nitrosopyrrolidin-3-yl)thio)-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic Acid

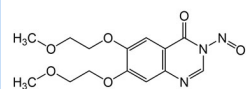
Catalogue No.: **PA 32 0031015** CAS : **NA**

Molecular Formula : **C₂₂H₂₄N₄O₈S**

Molecular Weight : **504.51**

Erlotinib

An orally active tyrosine kinase inhibitor, Erlotinib is an anti cancer drug. It acts on the epidermal growth factor receptor (EGFR) and it is used for the treatment of several types of cancer like lung cancer, pancreatic cancer etc. Reference standards of Erlotinib API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



6,7-Bis(2-methoxyethoxy)-3-nitrosoquinazolin-4(3H)-one

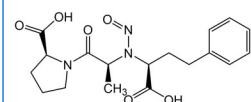
Catalogue No.: **PA 05 0141049** CAS : **NA**

Molecular Formula : **C₁₄H₁₇N₃O₆**

Molecular Weight : **323.31**

Enalapril Maleate

Enalapril Maleate which is an ACE inhibitor is administered in the form of Enalapril maleate. It is used for the treatment of of hypertension, diabetic nephropathy and chronic heart failure. Reference standards of Enalapril Maleate API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.



N-((S)-1-Carboxy-3-phenylpropyl)-N-nitroso-L-alanyl-L-proline

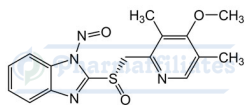
Catalogue No.: **PA 05 0041001** CAS : **NA**

Molecular Formula : **C₁₈H₂₃N₃O₆**

Molecular Weight : **377.4**

Esomeprazole

The (S)-(-)-enantiomer of omeprazole, it is a proton pump inhibitor, which is used to reduce the stomach acid. It treats gastroesophageal reflux and peptic ulcers. It is an OTC drug in many countries. Reference standards of Esomeprazole API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below.

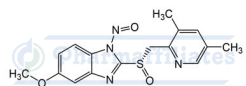


N-Nitroso Esomeprazole

Catalogue No.: **PA 05 0171021** CAS : **NA**

Molecular Formula : **C₁₆H₁₆N₄O₃S**

Molecular Weight : **344.39**

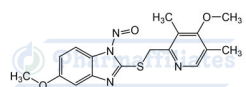


(S)-2-(((3,5-Dimethylpyridin-2-yl)methyl)sulfinyl)-5-methoxy-1-nitroso-1H-benzo[d]imidazole

Catalogue No.: **PA 05 0171027** CAS : **NA**

Molecular Formula : **C₁₆H₁₆N₄O₃S**

Molecular Weight : **344.39**



5-Methoxy-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)thio)-1-nitroso-1H-benzo[d]imidazole

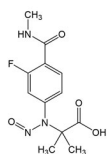
Catalogue No.: **PA 05 0171028** CAS : **NA**

Molecular Formula : **C₁₇H₁₈N₄O₃S**

Molecular Weight : **358.42**

Enzalutamide

Enzalutamide, sold under the brand name Xtandi. It is a nonsteroidal antiandrogen medication which is used in the treatment of prostate cancer.. Reference standards of Enzalutamide API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below

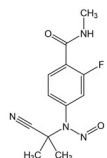


N-Nitroso Enzalutamide Impurity

Catalogue No.: **PA 05 0551024** CAS : **NA**

Molecular Formula : **C₁₂H₁₄FN₃O₄**

Molecular Weight : **283.26**

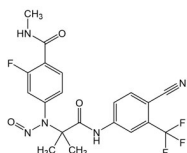


4-((2-Cyanopropan-2-yl)(nitroso)amino)-2-fluoro-N-methylbenzamide

Catalogue No.: **PA 05 0551031** CAS : **NA**

Molecular Formula : **C₁₂H₁₃FN₄O₂**

Molecular Weight : **264.26**



4-((1-((4-Cyano-3-(trifluoromethyl)phenyl)amino)-2-methyl-1-oxopropan-2-yl)(nitroso)amino)-2-fluoro-N-methylbenzamide

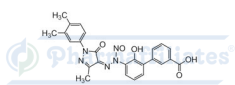
Catalogue No.: **PA 05 0551037** CAS : **NA**

Molecular Formula : **C₂₀H₁₇F₄N₅O₃**

Molecular Weight : **451.38**

Eltrombopag

Eltrombopag is used to treat low blood platelet counts in adults with chronic immune thrombocytopenia when certain other medicines, or surgery to remove the spleen, have not worked well enough. It has been recently approved for the treatment of thrombocytopenia in patients with chronic hepatitis C to allow them to initiate and maintain interferon-based therapy.. Reference standards of Eltrombopag API, and its pharmacopeial, non pharmacopeial impurities, and stable isotopes are listed below



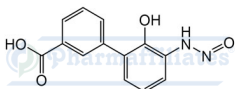
(Z)-3'-(2-(1-(3,4-Dimethylphenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)-1-nitrosohydrazinyl)-2'-hydroxy-[1,1'-biphenyl]-3-carboxylic acid

Catalogue No.: **PA 32 0221000**

CAS : **NA**

Molecular Formula : **C₂₅H₂₁N₅O₅**

Molecular Weight : **471.47**



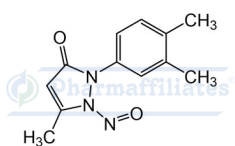
N-Nitroso Eltrombopag Amino Impurity

Catalogue No.: **PA 32 0221013**

CAS : **NA**

Molecular Formula : **C₁₃H₁₀N₂O₄**

Molecular Weight : **258.23**



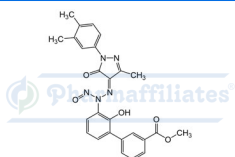
2-(3,4-Dimethylphenyl)-5-methyl-1-nitroso-1,2-dihydro-3H-pyrazol-3-one

Catalogue No.: **PA 32 0221019**

CAS : **NA**

Molecular Formula : **C₁₂H₁₃N₃O₂**

Molecular Weight : **231.26**



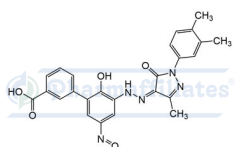
Methyl (Z)-3'-(2-(1-(3,4-dimethylphenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)-1-nitrosohydrazineyl)-2'-hydroxy-[1,1'-biphenyl]-3-carboxylate

Catalogue No.: **PA 32 0221026**

CAS : **NA**

Molecular Formula : **C₂₆H₂₃N₅O₅**

Molecular Weight : **485.5**



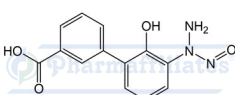
(Z)-3'-(2-(1-(3,4-dimethylphenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)hydrazinyl)-2'-hydroxy-5'-nitroso-[1,1'-biphenyl]-3-carboxylic Acid

Catalogue No.: **PA 32 0221027**

CAS : **NA**

Molecular Formula : **C₂₅H₂₁N₅O₅**

Molecular Weight : **471.47**



2'-Hydroxy-3'-(1-nitrosohydrazineyl)-[1,1'-biphenyl]-3-carboxylic Acid

Catalogue No.: **PA 32 0221029**

CAS : **NA**

Molecular Formula : **C₁₃H₁₁N₃O₄**

Molecular Weight : **273.25**

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