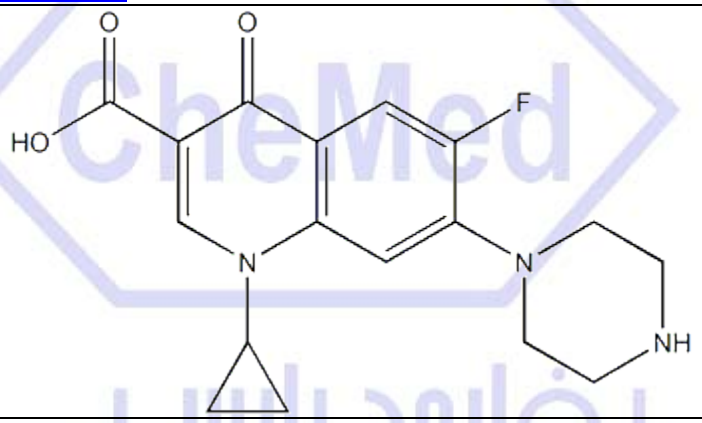
Manufacturer of pharmaceutical active ingredients

Ciprofloxacin Basic information

Product Name:	Ciprofloxacin
Synonyms:	1-cyclopropyl-6-fluoro-4-oxo-7-(1-piperazin-4-iumyl)-3-quinolinecarboxylate;CiprofL;3-quinolinecarboxylicacid,1,4-dihydro-1-cyclopropyl-6-fluoro-4-oxo-7-(1-piper;ciloxan;ciprobid;ciproiv;euciprin;CIPROBAY
CAS:	**85721-33-1**
MF:	C17H18FN3O3
MW:	331.34
EINECS:	617-751-0
Product Categories:	Pharmaceutical intermediate;ZITHROMAX;antibiotic;Active Pharmaceutical Ingredients;Intermediates & Fine Chemicals;Pharmaceuticals;Heterocycles
Mol File:	85721-33-1.mol



Ciprofloxacin Usage And Synthesis

Description	Ciprofloxacin is a quinolone antibacterial related to recently marketed norfloxacin (10), ofloxacin (2), pefloxacin (2) and enoxacin. It has a broad spectrum of activity against gram-positive and gram-negative bacteria, and is useful in the treatment of urinary and upper respiratory tract infections.
Chemical Properties	White Powder
Originator	Bayer (W. Germany)
Uses	Fluorinated quinolone antibacterial
Definition	ChEBI: A quinolone that is quinolin-4(1H)-one bearing cyclopropyl, carboxylic acid, fluoro and piperazin-1-yl substituents at positions 1, 3, 6 and 7, respectively.

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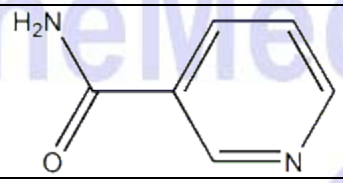
Product Name:	Nicotinamide
Synonyms:	3-PYRIDINECARBOXAMIDE;3-PYRIDINE CARBOXYLIC ACID AMIDE;3-PYRIDINECARBOXYLIC AMIDE;TIMTEC-BB SBB004283;NICETHAMIDUM;NIACINAMIDE;NICOTINIC ACID AMIDE;NICOTINAMIDE
CAS:	**98-92-0**
MF:	C6H6N2O
MW:	122.12
EINECS:	202-713-4
Product Categories:	Pharmaceutical intermediates;Miscellaneous Compounds;Aromatics;Nicotine Derivatives;Inhibitors;Biochemistry;Vitamins;Nutritional Supplements;Vitamins and derivatives;Vitamin Ingredients;Vitamin series;chemical reagent;pharmaceutical intermediate;phytochemical;reference standards from Chinese medicinal herbs (TCM).;standardized herbal extract;vitamin;Other APIs;Cosmetics;food additive;Cosmeitc raw materials
Mol File:	98-92-0.mol



Nicotinamide Usage And Synthesis

description	Nicotinamide is also called vitamin B3 or vitamin PP, is a kind of water-soluble vitamin, belong to B vitamin, as NAD (nicotinamide adenine dinucleotide, NAD) and NADP (nicotinamide adenine dinucleotide phosphate, NADP) composition, hydrogenation and dehydrogenation properties of nicotinamide in the body part of this two kinds of structure of coenzyme the reversible, play a role of hydrogen delivery in biological oxidation, can promote tissue respiration, biological oxidation process and the new supersedes the old, having a great significance in maintaining normal tissue, especially the integrity of the skin digestive tract and the nervous system. When the lack of B vitamins, due to respiration and metabolism of cells affected by pellagra, so this product is mainly used for the prevention and treatment of pellagra, stomatitis, glossitis and so on. In addition, this product has prevention of heart block and improving the sinoatrial node and anti-fast experimental arrhythmia function, can significantly improve Vera Pammy induced bradycardia and atrioventricular block. The clinical for coronary heart disease, viral myocarditis, rheumatic heart disease and a handful of digitalis poisoning associated with arrhythmia (mostly applied only when other

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	medications fail), generally the degree atrioventricular block has obvious curative effect, basically after the treatment, all block can disappear, has obvious curative effect in sick sinus syndrome, right bundle branch block effect is poor. After the stomach intestinal absorption by the oral, intramuscular absorption faster, then absorption distribution to the body tissues, t1/2 is 45 min. The liver metabolism, most metabolize N-n-methylnicotinamide, only a small amount of treatment as the prototype from the urine was more than necessary. If the daily urinary excretion of N-methyl nicotinamide is lower than 4mg, suggesting that nicotinamide deficiency. Nicotinamide and nicotinic acid are collectively referred to vitamin PP, nicotinic acid in the animal body is involved in metabolic processes in the form of nicotinamide, both have a common vitamin activity. It is white crystalline powder, odorless or almost odorless, bitter taste, easily soluble in water or ethanol, soluble in glycerol. Hygroscopic weak stable., acid, alkali and high temperature. The nature mainly exists in cereal skin, yeast, peanuts, meat, animal organs, milk and green leafy vegetables, in the body it is from tryptophan synthesis, but the efficiency is very low. Escherichia coli in the intestine (Escherichia coli) can be converted into synthesis of nicotinic acid, nicotinamide. Prevention and treatment of pellagra, exposed parts of symmetric dermatitis, stomatitis, glossitis, anorexia, dermatitis, liver disease, coronary heart disease, atrioventricular block, sick sinus syndrome, diarrhea, neuritis and dementia. [Adverse reaction] Occasionally dizziness, nausea, abdominal discomfort, loss of appetite, disappear on their own, in early pregnancy overdose possible teratogenic intramuscular injection can cause pain, so less. The above information is Chemicalbook Hanya edited.
Chemical Properties	It is white needle crystal or crystalline powder, no smell or odor slightly, slightly bitter taste. The relative density is 1.4, melting point is 131-132 ℃.1 g above the product is soluble in 1 ml of water, 1.5 ml ethanol or 10 ml glycerin, insoluble in ether. The pH of 10% aqueous solution is 6.5-7.5. in dry air to light and heat stability, in alkaline or acidic solution, heating generation to nicotinic acid. Rats by oral LD502.5-3.5g/kg ADI value does not make special provisions (ECC, 1990)
Description	A white, crystalline powder. It is odorless or nearly so, and has a bitter taste. Its solutions are neutral to litmus. One g dissolves in about 1 mL of water, in about 1.5 mL of alcohol, and in about 10 mL of glycerin.

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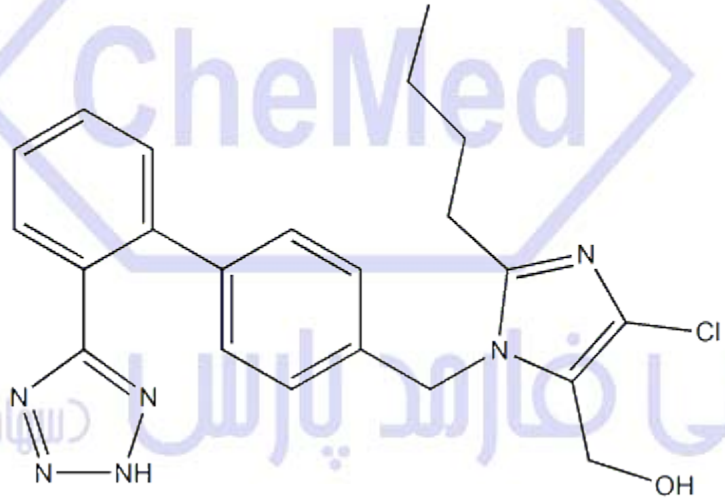
Product Name:	Losartan
Synonyms:	dup89;LOS;nyl)-4-yl)methyl)-;2-butyl-4-chloro-1-[p-(o-1h-tetrazol-5-ylphenyl)benzyl]imidazole-5-methanol;LOSARTAN;LosartanC22H23C1N60;1h-imidazole-5-methanol, 2-butyl-4-chloro-1-((2'-(1h-tetrazol-5-yl)(1,1'- biphenyl)-4-yl)methyl)-;(1-((2-(1H-TETRAZOL-5-YL)BIPHENYL-4-YL)METHYL)-2-BUTYL-4-CHLORO-1H-IMIDAZOL-5-YL)METHANOL (LOSARTAN)
CAS:	**114798-26-4**
MF:	C22H23ClN6O
MW:	422.91
EINECS:	601-329-8
Product Categories:	Isotopically Labeled Pharmaceutical Reference Standard
Mol File:	114798-26-4.mol
	
General Description	Losartan, 2-butyl-4-chloro-1-[p-(o-1H-tetrazol-5-yl-phenyl)benzyl]imidazole-5-methanol monopotassiumsalt (Cozarr), was the first nonpeptide imidazole to beintroduced as an orally active angiotensin II antagonist withhigh specificity for AT1. When administered to patients, itundergoes extensive first-pass metabolism, with the 5-methanol being oxidized to a carboxylic acid. This metabolismis mediated by CYP 2C9 and 3A4 isozymes. The 5-methanol metabolite is approximately 15 times more potentthan the parent hydroxyl compound. Because the parent hydroxylcompound has affinity for the AT1 receptor, strictlyspeaking, it is not a prodrug.

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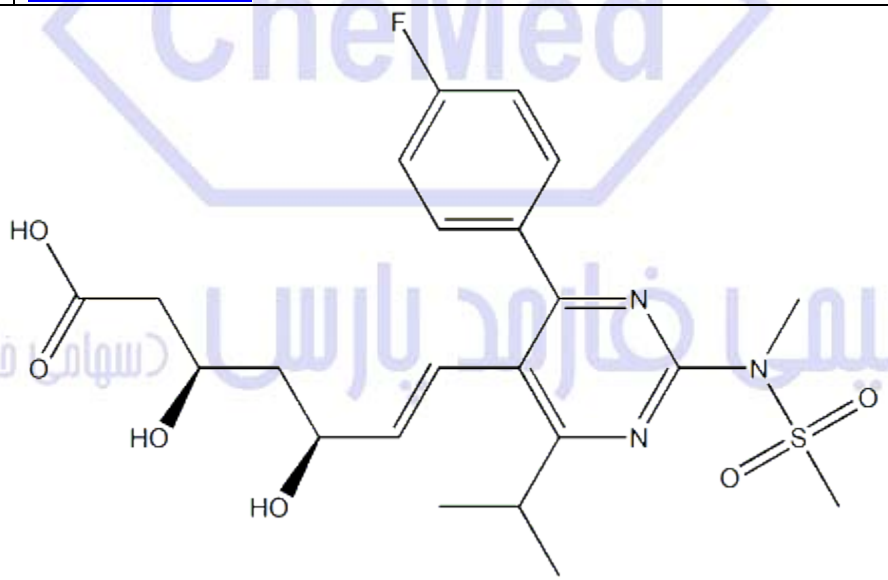
Product Name:	Rosuvastatin
Synonyms:	(3R,5S,E)-7-(4-(4-Fluorophenyl)-6-isopropyl-2-(N-methylmethylsulfonamido)pyrimidin-5-yl)-3,5-dihydroxyhept-6-enoic acid;Rosuvastatin Impurity 21;ROSUVASTATIN-D3 SODIUM SALT;7-[4-(4-Fluorophenyl)-6-(1-methylethyl)-2-(methyl-methylsulfonyl-amino)-pyrimidin-5-yl]-3,5-dihydroxy-hept-6-enoic acid;Rosuvastatin;Rosuvastatin Acid;(3R,5S,6E)-7-[4-(4-fluorophenyl)-2-(N-MethylMethanesulfonaMido)-6-(propan-2-yl)pyriMidin-5-yl]-3,5-dihydroxyhept-6-enoic acid
CAS:	**287714-41-4**
MF:	C22H24D3FN3NaO6S
MW:	481.54
EINECS:	689-191-5
Product Categories:	API;Isotopically Labeled Pharmaceutical Reference Standard
Mol File:	287714-41-4.mol



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Description	Known as an antilipemic agent, rosuvastatin belongs to the class of medications called statins, which is primarily used in the treatment of dyslipidemia, including high cholesterol and related conditions. It functions by blocking the enzyme that helps make cholesterol in the body, which is effective to improve cholesterol levels by reducing blood total cholesterol and triglyceride levels while raising the good cholesterol, HDL cholesterol levels in combination with a healthy diet and exercise program. It is also applied to treat people with certain inherited cholesterol disorders. Besides, since the high level of cholesterol is related to angiocardiopathy, rosuvastatin is beneficial to prevent people from cardiovascular diseases, which is used to reduce the risk of heart attacks, stroke, and angioplasty for people who have at least 2 risk factors for cardiovascular disease.
General Description	Rosuvastatin, 7-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-(methyl-methylsulfonyl-amino)-pyrimidin-5-yl]-3,5-dihydroxy-hept-6-enoic acid (Crestor), is oneof the more recently introduced statins in the United States.As with all statins, there is a concern of rhabdomyolysis andas such, the FDA has mandated that a warning about thisside effect, as well as a kidney toxicity warning, be added tothe product label (http://www.fda.gov/CDER/Drug/advisory/crestor_3_2005.htm). This should not come as a surprisebecause of the relationship in the chemical architectureto cerivastatin, which was withdrawn from the market as aresult of its adverse side effects.

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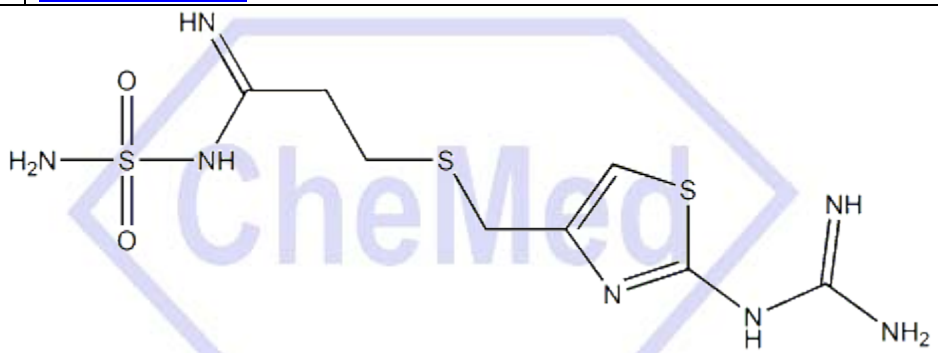
Product Name:	Famotidine
Synonyms:	Famotidine-d3-13C;aminosulfonyl)-;dispronil;famodil;famosan;famoxal;fanosin;fibonel
CAS:	**76824-35-6**
MF:	C8H15N7O2S3
MW:	337.45
EINECS:	616-396-9
Product Categories:	Histamine receptor;Amines;Heterocycles;Sulfur & Selenium Compounds;LODINE;Other APIs;Intermediates & Fine Chemicals;Pharmaceuticals;API's
Mol File:	76824-35-6.mol
	
Description	Famotidine (Chemical formula: C8H15N7O2S3; Brand Name: PEPCID) belongs to a histamine H2-receptor antagonist. It appears as a white to pale yellow crystalline compound. Inside the body, its primary activity is inhibiting the gastric secretion process, further reducing the acid concentration and volume of gastric secretion in the stomach. Based on this property, it is used for the treatment and prevention of ulcers occurring in the stomach and intestines. It can also treat diseases such as Zollinger-Ellison syndrome in which the stomach accumulates excess amount of acids. Moreover, it is also applied during the treatment of gastroesophageal reflux disease (GERD) and pathological hypersecretory conditions.
Chemical Properties	White Powder
Uses	Histamine H2-receptor antagonist. Antiulcerative.

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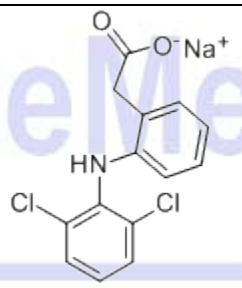
Manufacturer of pharmaceutical active ingredients

Product Name:	Diclofenac sodium
Synonyms:	sodium 2-[2-(2,6-dichloroanilino)phenyl]acetate;Mulberry octopus extract;Diclofenac Sodium - CAS 15307-79-6 - Calbiochem;sodium(o-((2,6-dichlorophenyl)amino)phenyl)acetate;sodium(o-(2,6-dichloroanilino)phenyl)acetate;sodiumdiclofenac;tsudohmin;AKOS B020028
CAS:	**15307-79-6**
MF:	C14H10Cl2NNaO2
MW:	318.13
EINECS:	239-346-4
Product Categories:	API's;Lipid signaling;Amines;Aromatics;Heterocycles;VOLATREN;Other APIs;Active Pharmaceutical Ingredients;Organics;Intermediates & Fine Chemicals;Pharmaceuticals;Steroids
Mol File:	15307-79-6.mol
	
Definition	ChEBI: The sodium salt of diclofenac.
Chemical Properties	Off-White Crystalline Solid
Uses	Diclofenac is a phenylacetic acid derivative belonging to the class of the non-selective non-steroidal anti-inflammatory drugs (NSAIDs). It exhibits analgesic, antipyretic and anti-inflammatory activity. Due to its poor solubility, the parenteral formulation of diclofenac sodium (Voltarol ampoules) currently available in Europe contains the solvents propylene glycol and benzyl alcohol that allows intramuscular and intravenous administration. Diclofenac sodium has long been used to treat acute pain and inflammation, and is effective in various acute forms of pain.

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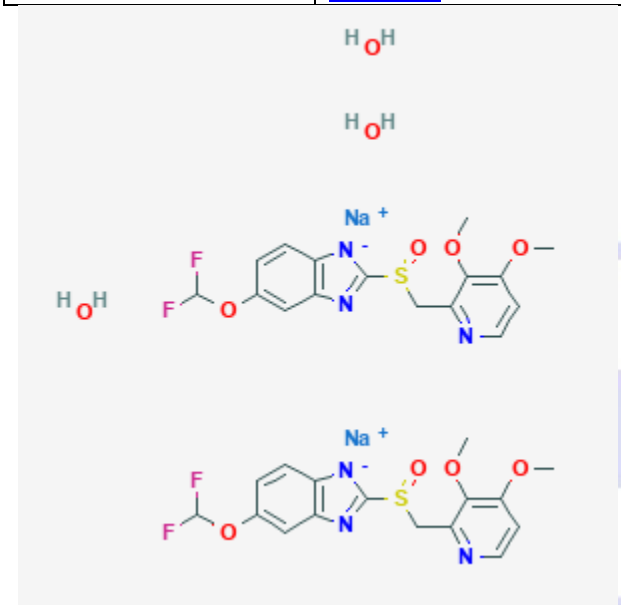
Manufacturer of pharmaceutical active ingredients

Product Name:	PANTOPRAZOLE SODIUM SESQUIHYDRATE
Synonyms:	Pantoprazole Sodium Sesquihydrate
CAS:	**154644-14-1**
MF:	$C_{32}H_{34}F_4N_6Na_2O_{11}S_2$
MW:	864.8 g/mol
Mol File:	Mol File



Chemical Properties	White or almost white powder.
Uses	Treatment of various acid-related gastrointestinal diseases, including acute erosive esophagitishealing and maintenance, treatment of hypersecretory conditions, Zollinger-Ellison Syndrome (ZES), and eradication of Helicobacter pylori infection.

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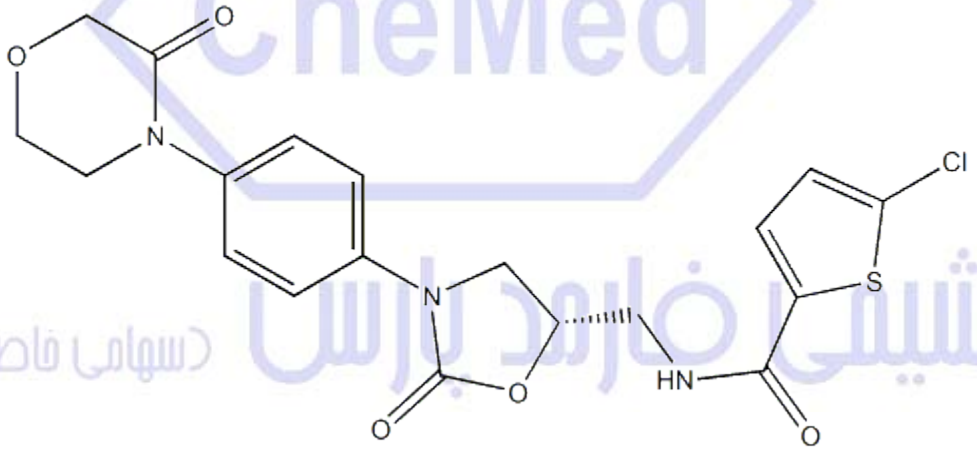
Product Name:	Rivaroxaban
Synonyms:	Rivaroxaban;5-Chloro-N-(((5S)-2-oxo-3-(4-(3-oxomorpholin-4-yl)phenyl)-1,3-oxazolidin-5-yl)methyl)thiophene-2-carboxamide;2-Thiophenecarboxamide, 5-chloro-N-[[(5S)-2-oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-5-oxazolidinyl]methyl];Xarelto;(S)-5-chloro-N-((2-oxo-3-(4-(3-oxomorpholino)phenyl)oxazolidin-5-yl)methyl)thiophene-2-carboxamide;Rivaroxaban (BAY59-7939);Rivarobaxan;Rivaroxaban(Xarelto)
CAS:	**366789-02-8**
MF:	C19H18ClN3O5S
MW:	435.88
EINECS:	685-132-2
Product Categories:	Chiral Reagents;Heterocycles;Intermediates & Fine Chemicals;Pharmaceuticals;Sulfur & Selenium Compounds;API;Inhibitor;Rivaroxaban;Pharmaceutical raw materials;Inhibitors
Mol File:	366789-02-8.mol



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Description	Venous thromboembolism continues to be a major health concern despite conventional anticoagulation therapies. Rivaroxaban is a recent market introduction that directly inhibits FXa with high potency (K_i＝0.4 nM; IC_{50}＝0.7 nM) and selectivity＞10,000-fold over other related serine proteases (thrombin, trypsin, plasmin, FVIIa, FIXa, FXIa, urokinase, and activated protein C). From the X-ray crystal structure, the central oxazolidinone moiety anchors the drug through two hydrogen bonds to Gly219 and directs the morpholinone group into the S4 pocket and the chlorothiophene portion into the S1 pocket. These key components may be coupled together synthetically by a couple of routes. Condensation of 3-morpholinone with 4-fluoronitrobenzene followed by catalytic hydrogenation provides N-(p-aminophenyl)morpholinone for subsequent reaction with (S)-2-(phthalimidomethyl)oxirane. With establishment of the aminoalcohol adduct, cyclization with 1,1′-carbonyldiimidazole generates the central oxazolidinone. Deprotection and acylation with 5-chlorothiophene-2-carbonyl chloride affords rivaroxaban.
Chemical Properties	White Solid
Uses	A novel antithrombotic agent. A highly potent and selective, direct FXa inhibitor

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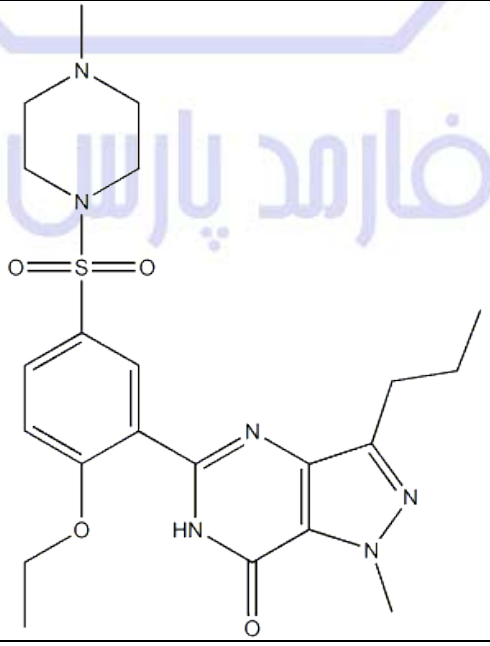
Product Name:	Sildenafil
Synonyms:	99% high purity Sildenafil CAS No 139755-83-2;SILDENAFIL;5-[2-ethoxy-5-(4-methylpiperazin-1-yl-sulphonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7h-pyrazol[4,3d]pyrimidin-7-one;7H-Pyrazolo[4,3-d]pyriMidin-7-one, 5-[2-ethoxy-5-[(4-Methyl -1-piperazinyl)sulfonyl]phenyl]-1,6-dihydro-1-Methyl-3-propyl-;Sildenafil solution;5-{2-ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl}-1-methyl-3-propyl-1,4-dihydro-7H-pyrazolo[4,3-d] pyrimidin-7-one;5-[2-Ethoxy-5-[(4-methyl-piperazin-1-yl)sulfonyl]phenyl]-1,6-dihydro-1-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one;5-(2-Ethoxy-5-((4-methylpiperazin-1-yl)sulfonyl)phenyl)-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-7(6H)-one
CAS:	**139755-83-2**
MF:	C22H30N6O4S
MW:	474.58
EINECS:	604-158-7
Product Categories:	TAMIFLU;pharmaceutical intermediates;Active Pharmaceutical Ingredients;Miscellaneous Biochemicals;Sildenafil;Erectile Dysfunction;Heterocycles;Intermediates & Fine Chemicals;Pfizer compounds;Pharmaceuticals;Sulfur & Selenium Compounds
Mol File:	139755-83-2.mol



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Description	Sildenafil was launched as Viagra in the US for the treatment of organic orland psychological male erectile dysfunction (ED). Sildenafil can be obtained by functional rearrangement of the corresponding 5-aryl 1,3-dialkyl pyrazolo[4,3-d]pyrimidin-7-one, itself synthesized in a seven-step sequence from a pyrazole- 5-carboxylate. Sildenafil is a potent and selective inhibitor of type V cGMP phosphodiesterases (PDE5) ; IC50 = 3nM on isozymes from human corpus cavernosum tissue. This orally-active therapy is completely new and presents advantages over the classically recommended options such as vacuum constriction devices, drug injection or prosthesis implantation ; for these reasons, this first drug is likely to have a large acceptance fot the treatment of male ED. In experiments with incubated rabbit penile tissue, Sildenafil was shown to cause accumulation of cGMP. By inhibiting the enzyme PDE5, the predominant isozyme in the corpus cavernosum, Sildenafil induces an elevation of levels of second messager cGMP, which is involved in the regulation of vascular tone ; it was suggested that the specific elevation of cGMP due to Sildefanil would mediate an enhancement of nitric oxide-dependent relaxation of corpus cavernosal tissue. Several clinical studies using 10-100 mg Sildenafil have confirmed a good effectiveness and tolerability in healthy males. New trials in women with sexual disfunction have been initiated and positive results could enlarge the potential market of this drug.
Chemical Properties	White Solid

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Manufacturer of pharmaceutical active ingredients

Product Name:	Gabapentin
Synonyms:	NEURONTIN;GABAPENTINE;GABAPENTIN HYDROCHLORIDE;GABAPENTIN;GOE-3450;(1-AMINOMETHYL-CYCLOHEXYL)-ACETIC ACID;1-(AMINOMETHYL)CYCLOHEXANEACETIC ACID;AKOS 92109
CAS:	**60142-96-3**
MF:	C9H17NO2
MW:	171.24
EINECS:	262-076-3
Product Categories:	Organic acids;APIs;Intermediates & Fine Chemicals;Pharmaceuticals;API's;GABA/Glycine receptor;Ion channels;API;ABILIFY;Other APIs;Pharmaceutical raw materials;Miscellaneous Biochemicals
Mol File:	60142-96-3.mol

Description	Gabapentin is a second- generation antiepileptic drug (AED) known under the proprietary brand name of Neurontin® (Pfizer, New York, NY) in the UK and USA.
Generic formulation	MHRA/ CHM advice to minimize risk when switching patients with epilepsy between different manufacturers' products (including generic products): • It is usually unnecessary to ensure that patients are maintained on a specific manufacturer's product unless there are specific concerns, such as patient anxiety and risk of confusion/ dosing error.
Chemical Properties	White Crystalline Solid

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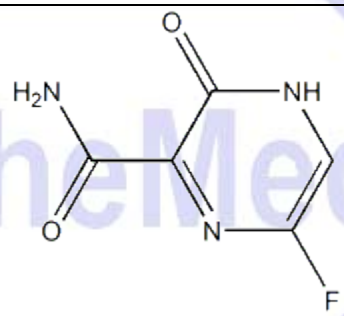
Manufacturer of pharmaceutical active ingredients

Product Name:	favipiravir
Synonyms:	Favipiravir 8619930501651;Favipiravi;Favipiravir API;Pyrazinecarboxamide, 6-fluoro-3,4-dihydro-3-oxo-(9CI);PYRAZINECARBOXAMIDE, 6-FLUORO-3,4-DIHYDRO-3-OXO-;6-Fluoro-3-hydroxypyrazine-2-carboxamide;Favipiravir;Unii-ew5gl2X7E0
CAS:	**259793-96-9**
MF:	C5H4FN3O2
MW:	157.1025632
EINECS:	1533716-785-6
Product Categories:	API;AMIDE;HALIDE
Mol File:	259793-96-9.mol



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Manufacturer of pharmaceutical active ingredients

Product Name:	Metformin hydrochloride
Synonyms:	1-Dimethylbiguanide hydrochloride;Metformin - CAS 1115-70-4 - Calbiochem;gliformin;haurymellin;meguan;n,n-dimethylbiguanidehydrochloride;n,n-dimethyl-imidodicarbonimidicdiamidmonohydrochloride;METFORMIN HCL
CAS:	**1115-70-4**
MF:	C4H12ClN5
MW:	165.62
EINECS:	214-230-6
Product Categories:	Intermediates & Fine Chemicals;Pharmaceuticals;API's;Miscellaneous Compounds;Aerobic Glycolysis (the Warburg Effect);Cancer Metabolism;Inhibitors and Activators of the AMPK pathway;Inhibitors of Aerobic Glycolysis (the Warburg Effect);Building Blocks;Cancer Research;Chemical Synthesis;Guanidines;Nitrogen Compounds;Organic Building Blocks;API;FORTAMET;Diabetes Research;Inhibitors
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	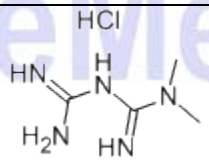
Chemical Properties	White crystal or crystalline powder. Melting point 232 °C (218 °C - 220 °C) water, dissolved in methanol, slightly soluble in ethanol, insoluble in ether and chloroform. Odorless, bitter taste.
Chemical Properties	Crystalline Solid
Definition	ChEBI: A hydrochloride resulting from the reaction of metformin with one molar equivalent of hydrogen chloride.
Uses	Anti-diabetic and anti-cancer activity

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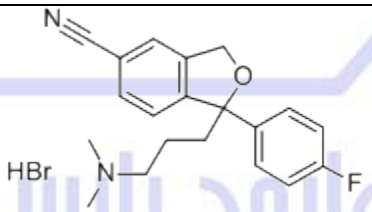
Manufacturer of pharmaceutical active ingredients

Product Name:	Citalopram hydrobromide
Synonyms:	1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-3H-isobenzofuran-5-carbonitrile hydrobromide;1-(3-(Dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile hydrobromi;Citalopram hydrobromide solution;Citalopram HBr Salt;1-(3-(Dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile hydrobr;1-[3-(DIMETHYLAMINO)PROPYL]-1-(4-FLUOROPHENYL)-1,3-DIHYDRO-5-ISOBENZOFURANCARBONITRILE HYDROBROMIDE;5-ISOBENZOFURANCARBONITRILE, 1,3-DIHYDRO-1-(3-(DIMETHYLAMINO)PROPYL)-1-(4-FLUOROPHENYL)-;CITALOPRAM HBR
CAS:	**59729-32-7**
MF:	C20H22BrFN2O
MW:	405.3
EINECS:	261-890-6
Product Categories:	Other APIs;Pharmaceutical intermdiate;Heterocyclic Compounds;Intermediates & Fine Chemicals;Neurochemicals;Pharmaceuticals;Citalopram;Serotonin;APIs;Neurochemicals,Pharmaceuticals
Mol File:	59729-32-7.mol
	
Uses	An inhibitor of serotonin (5-HT) uptake. Used as an antidepressant
Chemical Properties	White or almost white, crystalline powder.

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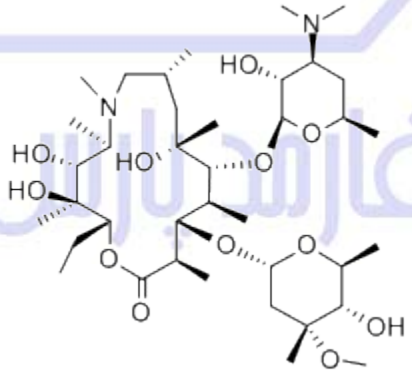
Manufacturer of pharmaceutical active ingredients

Product Name:	Azithromycin
Synonyms:	-l-ribo-hexopyranosyl)oxy)-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamet;xz405;AZYTHROMYCIN;Azithromycin CP2000 USP24;AZITHROMYCIN IMPURITY A6-DEMETHYLAZITHROMYCIN EP STANDARD;AZITHROMYCIN IMPURITY B3-DEOXYAZITHROMYCIN EP STANDARD;AZITHROMYCIN USP STANDARD;AZITHROMYCIN DIHYDRATE(COMPACTED)
CAS:	**83905-01-5**
MF:	C38H72N2O12
MW:	748.98
EINECS:	617-500-5
Product Categories:	API;Antibiotics A to;Antibiotics A-FAntibiotics;AntiviralAntibiotics;Chemical Structure Class;Interferes with Protein SynthesisAntibiotics;MacrolidesEPA;Mechanism of Action;Spectrum of Activity;veterinary medicine,soluble powder,preparation;Peptide Synthesis/Antibiotics;Pharmaceutical intermediate;Inhibitors;Antibiotics;Antibiotic;Antibiotic Explorer;Intermediates & Fine Chemicals;Pharmaceuticals;API's;NeatsMore...Close...;1694 Pharmaceuticals&Personal Care Products;A - KAntibiotics;Antibacterial
Mol File:	83905-01-5.mol
	
Description	Azithromycin is a long-acting macrolide antibiotic structurally related to erythromycin A (EA), having a methyl-substituted nitrogen at position 9a in the aglycone ring. Azithromycin is reported to be highly effective in the treatment of respiratory and urinary infections; it has the advantages of being acid-stable and requiring a shorter course of treatment than EA.
Chemical Properties	White Crystalline Powder

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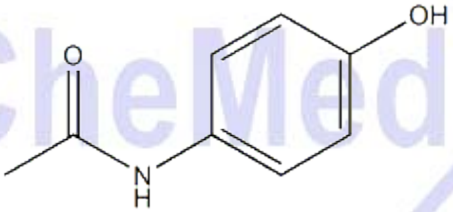
Manufacturer of pharmaceutical active ingredients

Product Name:	Acetaminophen
Synonyms:	4-Acetamidophenol, 98.5%, a selective cyclooxygenase-2 inhibitor;purexiyongh;4'-HYDROXYACETANILIDE;4-HYDROXYACETANILIDE;4-(ACETYLAMINO)PHENOL;ACETAMINOPHEN;ACETYL-P-AMINOPHENOL;AKOS BBS-00008094
CAS:	**103-90-2**
MF:	C8H9NO2
MW:	151.16
EINECS:	203-157-5
Product Categories:	inhibitor;APIs;DMF file is ok to be provided.;Pyridines;Aromatics;PHARMACEUTICALS;Aromatic Phenols;Intermediates & Fine Chemicals;Lipid signaling
Mol File:	103-90-2.mol
	
Chemical property	Obtain prism crystallization from ethanol. Melting point 169-171 °C, rela density 1.293(21/4 °C). Soluble in ethanol, a dissolve in water, insoluble in petroleum ether and benzene. Odorless, bitter. The pH value of saturated aqueous solution is 5.5-6.5.
Chemical Properties	White Solid
General Description	Odorless white crystalline solid. Bitter taste. pH (saturated aqueous solution) about 6.

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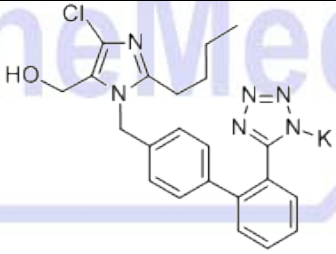
Manufacturer of pharmaceutical active ingredients

Product Name:	Losartan potassium
Synonyms:	DuP-753 potassium;2-BUTYL-4-CHLORO-1-[[2'-(1H-TETRAZOL-5YL)[1,1'-BIPHENYL]-4-YL]METHYL]-1H-IMIDAZOLE-5-METHANOL;2-butyl-4-chloro-1-[[2'-(1h-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1h-imidazole-5-methanol monopotassium salt;2-BUTYL-4-CHLORO-1-[[2'-(1H-TETRAZOLE-5-YL)[1,1'-BIPHENYL]-4-YL]METHYL]-1H-IMIDAZOLE-5-METHANOL, POTASSIUM SALT;COZAAR;DUP 753;LOSARTAN MONOPOTASSIUM SALT;LOSARTAN POTASSIUM
CAS:	**124750-99-8**
MF:	C22H23ClKN6O
MW:	462.01
EINECS:	200-287-4
Product Categories:	Aromatics;Heterocycles;API Reference Standard;COZAAR;Cardiovascular APIs;API;Hypertension;Intermediates & Fine Chemicals;Pharmaceuticals;Losartan;APIS
Mol File:	124750-99-8.mol
	
Description	As a angiotensin II receptor antagonist, Losartan Potassium is the potassium salt of losartan with antihypertensive activity, which is mainly used in the therapy of high blood pressure (hypertension) and diabetic nephropathy. It functions by relaxing blood vessels so that blood can flow more easily. It is also effective to help protect the kidneys from damage caused by diabetes and lower the risks of stroke in patients suffering from hypertension and myocardial enlargement. Besides, recent study has suggested that losartan is beneficial to reverse age related dysfunction in maintaining normal blood pressure and cellular energy usage on mitochondria and it can probably be used to treat left ventricular hypertrophy. It may also be used as an alternative agent for the treatment of systolic dysfunction, myocardial infarction, coronary artery disease, and heart failure.
Chemical Properties	White to Off-White Crystalline Powder
Uses	antihypertensive, AT1 angiotensin II antagonist

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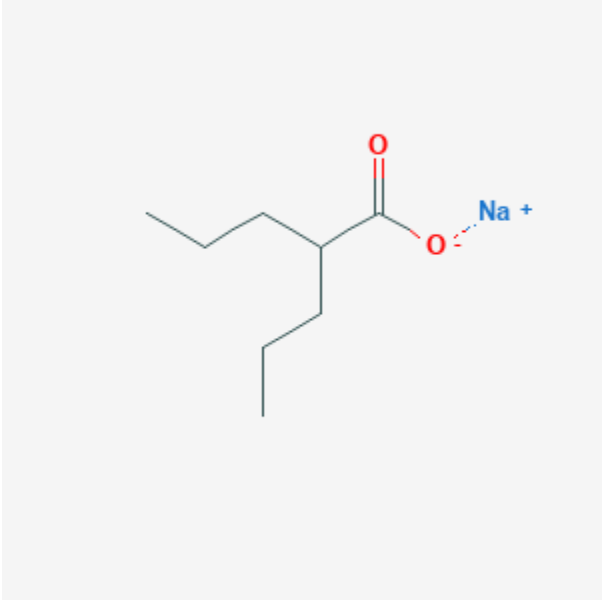
Manufacturer of pharmaceutical active ingredients

Sodium valproate 1069-66-5

Molecular Formula:	$C_8H_{15}NaO_2$
Synonyms:	Sodium valproate Sodium 2-propylpentanoate 1069-66-5 Valproate sodium Valproic acid sodium salt

Molecular Weight: 166.19 g/mol



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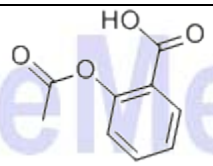
Manufacturer of pharmaceutical active ingredients

Product Name:	Acetylsalicylic acid
Synonyms:	Acetylsalicylic acid, 99%, irreversible COX1 and COX2 inhibitor;Aspirin Impurity Mixture solution;Acetylsalicylic Acid for Peak Identifica;o-Acetylsalicylic acid Manufacturer;cetylsalicylic acid;Acetylsalicylic acid,>=99.0%, crystalline;Acetylsalicylic acid whatsapp+86 19930203281;2-(acetyloxy)-benzoicaci
CAS:	**50-78-2**
MF:	C9H8O4
MW:	180.16
EINECS:	200-064-1
Product Categories:	Pharmaceutical;Aromatics Compounds;Aromatics;Intermediates & Fine Chemicals;Pharmaceuticals;Lipid signaling;Anti-Allergic Agents, Antibiotic;Isotope;LOPROX
Mol File:	50-78-2.mol
	
Chemical property	This product is a white crystalline, with melting point 138~140 ℃, i water, soluble in alcohol, ether, etc.
Description	Acetylsalicylic acid is a white crystalline powder commonly known by its common name as aspirin or ASA. Aspirin is the most widely used medication in the world.
Uses	Analgesic; antipyretic; anti-inflammatory; antithrombotic

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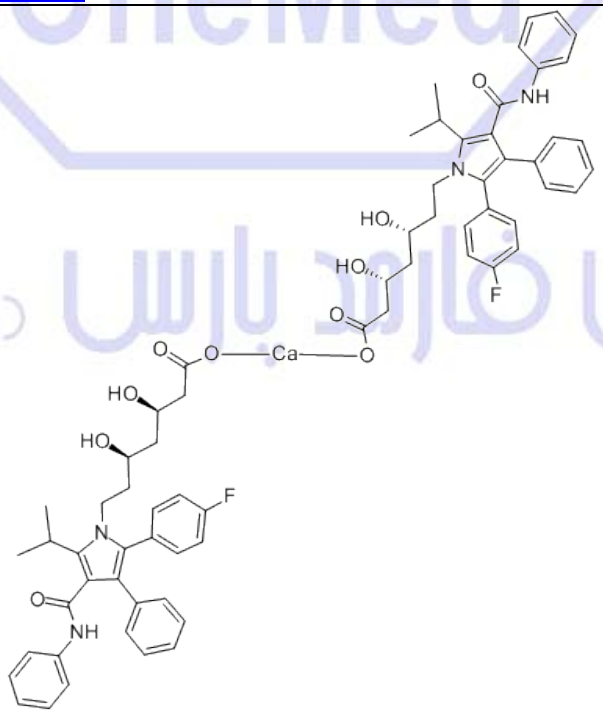
Manufacturer of pharmaceutical active ingredients

Product Name:	Atorvastatin calcium
Synonyms:	Atorvastatin Calcium Anhydrous;1H-Pyrrole-1-heptanoicacid,2-(4-fluorophenyl)-β,δ-dihydroxy-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-,calciumsalt(2:1),(βR,δR)-;Calcium of atorvastatin;Atorvastatin ;Atorvastatin aMorphous;atorvastatine calciuM salt;(βR,δR)-2-(4-Fluorophenyl)-β,δ-dihydroxy-5-(1-Methylethyl)-3-phenyl-4-[(phenylaMino)carbonyl]-1H-pyrrole-1-heptanoic Acid CalciuM Salt;Atorvastatin HeMicalciuM
CAS:	**134523-03-8**
MF:	C66H68CaF2N4O10
MW:	1155.36
EINECS:	200-659-6
Product Categories:	Pfizer compounds;Pharmaceutical intermediates;Isotope;LIPITOR;Cardiovascular APIs;Active Pharmaceutical Ingredients;Inhibitors;Intermediates & Fine Chemicals;Pharmaceuticals;Atorvastatin;Aromatics;Chiral Reagents;Antilipemic agent;API
Mol File:	134523-03-8.mol



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Manufacturer of pharmaceutical active ingredients

Description	Lipitor was launched in Canada, the Netherlands, the UK and the US as an orally-active hypocholesterolemic agent. It was the first pharmaceutical product ever to attain over one billion dollars in sales in its first year. It can be synthesized by a number of routes but the most efficient involves the Paal-Knorr reaction of an acetonide protected dihydroxy amino ester and a diaryl phenylacetamide diketone. Lipitor is a liver selective, reversible competitive inhibitor of HMG-CoA reductase, the rate limiting step in cholesterol biosynthesis. Lipitor monotherapy resulted in a reduction of LDL cholesterol by up to 60%. Lipitor is about 2-4 times more potent, on a dosage basis, than Simvastatin. The superior properties of Lipitor can be attributed to its greater uptake and longer duration of action in the liver. In addition to its effects on cholesterol, Lipitor is also effective in lowering triglycerides. While the mechanism is not clear, two theories proposed are: a) the decrease in cholesterol causes a concomitant increase in hepatic LDL-receptor activity (mostly B and E type) which results in a decrease in triglycerides through an increase in binding of triglycerides to VLDL and LDL, and b) the decreased level of cholesterol impairs VLDL transport of triglycerides.
Chemical Properties	White Crystalline Powder
Uses	antihyperlipidemic, HMGCoA reductase inhibitor

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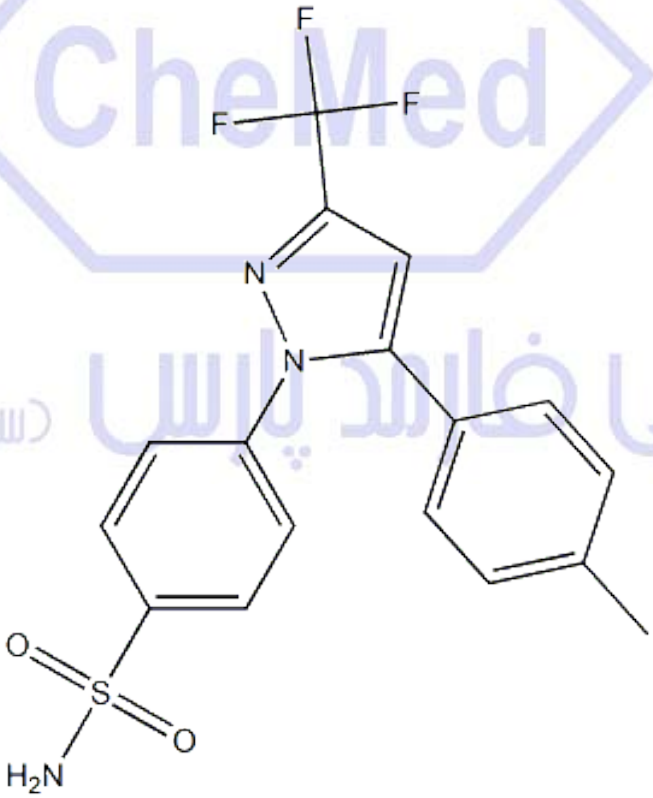
Manufacturer of pharmaceutical active ingredients

Product Name:	Celecoxib
Synonyms:	Benzenesulfonamide, 4-5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl-;4-[5-(4-methylphenyl)-3-(trifluoromethyl)pyrazol-1-yl]benzenesulfonamide;Celebra;Celecox;Celocoxib;SC 58635;YM 177;Celecoxib API
CAS:	**169590-42-5**
MF:	C17H14F3N3O2S
MW:	381.37
EINECS:	685-962-5
Product Categories:	Active Pharmaceutical Ingredients;All Inhibitors;Osteoarthritis and Rheumatoid Arthritis;Inhibitors;Intermediates & Fine Chemicals;Pharmaceuticals;Pfizer compounds;Sulfur & Selenium Compounds;Celecoxib;MONASIRUP;Stable Isotopes
Mol File:	169590-42-5.mol



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Manufacturer of pharmaceutical active ingredients

Description	Celecoxib is a nonsteroidal antiinflammatory drug (NSAID) first launched as Celebrex in the US for the treatment of symptoms in patients with rheumatoid arthritis (RA) and osteoarthritis (OA). Celecoxib belongs to a new class of 1, 5-diarylpyrazoles and can be synthesized by heat-promoted heterocyclization of a trifiuoro-l,3-dione with appropriate arylhydrazine. Celecoxib is a highly selective inhibitor of COX-2, the inducible form of cyclooxygenase expressed during inflammatory processes; it does not block the constitutive form COX-1, thus suppressing the gastric and intestinal toxicity of most non-selective NSAIDs. The potency ratio COX1/COX2 on purified human enzymes was about 400. In several in vivo models of acute and chronic inflammation, Celecoxib demonstrated potent antiinflammatory activity without affecting gastric or urinary prostaglandin PGE2. In several clinical studies performed with patients suffering from osteoarthritis or rheumatoid arthritis, Celecoxib was shown to be well tolerated and to relieve pain and inflammation more efficiently compared with other standard NSAIDs; the gastrointestinal safety profile was significantly better than that of other NSAIDs. Interestingly, Celecoxib was approved for another indication in patients with familial adenomatous polyposis (FAP). A six-month clinical trial demonstrated a 28% reduction in the number of colorectal polyps with Celecoxib, compared to a 5% reduction with placebo.
Chemical Properties	White to Pale Yellow Solid
Uses	expectorant, gastric stimulant, insecticide
General Description	Celecoxib (Celebrex) was the first selective COX-2 inhibitordrug introduced into the market in 1998 for use in thetreatment of RA, OA, acute pain, and menstrual pain. Thereal benefit is that it has caused fewer GI complicationswhen compared with other conventional NSAIDs. It hasalso been approved for reducing the number of adenomatouscolorectal polyps in familial adenomatous polyposis (FAP).Celecoxib is well absorbed and undergoes rapid oxidativemetabolism via CYP2C9 to give its inactive metabolites. Thus, a potential drug interaction exists betweencelecoxib and warfarin because the active isomer ofwarfarin is primarily degraded by CYP2C9.

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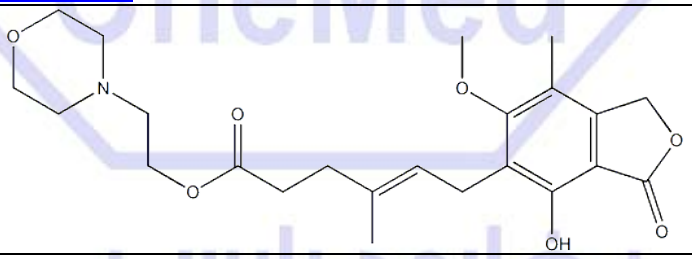
Manufacturer of pharmaceutical active ingredients

oduct Name:	Mycophenolate mofetil
Synonyms:	4-HEXENOIC ACID,6-(1,3-DIHYDRO-4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-ISOBENZOFURANYL)-4-METHYL-,2-(4-MORPHOLINYL)ETHYL ESTER;MYCOPHENLATE MOFETIL;Macophenolate Mofetil;MycophenolicAcid-2-(4-Morpholinyl)ethylEster;Mycophenolate;Mycophenolate mofetil;(4E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)4-hexenoic Acid 4-methyl-2-(4-morpholinyl)ethyl Ester;RS 61443
CAS:	**128794-94-5**
MF:	C23H31NO7
MW:	433.49
EINECS:	
Product Categories:	Pharmaceutical material and intermeidates;Active Pharmaceutical Ingredients;Immunosuppressant;Aromatics Compounds;Aromatics;Inhibitors;Intermediates & Fine Chemicals;Pharmaceuticals;Inhibitor;antibiotic;Anti-cancer&immunity
Mol File:	128794-94-5.mol
	
Description	Mycophenolate mofetil was launched in 1995 in the U.S.A., its first market worldwide, for the prevention of acute kidney transplant rejection in conjunction with other immunosuppressive therapy and to treat refractory acute kidney graft rejection. With improved oral absorption and bioavailability, mycophenolate mofetil is a prodrug of mycophenolic acid (MPA), a fermentation product of several Penicillium species. MPA is a selective, reversible, non-competitive inhibitor of inosinate dehydrogenase and guanylate synthetase. It inhibits the de now pathway of purine biosynthesis. MPA was found to have more potent antiproliferative effects on T and B lymphocytes than other cell types. Compared with other immunosuppressants, mycophenolate mofetil is reportedly superior due to its unique mechanism of action and excellent safety profile for long term use. Mycophenolate mofetil is being investigated clinically in the treatment of heart and liver transplantation rejection, asthma, in preventing coronary artery restenosis, and in treating rheumatoid arthritis.

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Manufacturer of pharmaceutical active ingredients

Chemical Properties	White Powder
Uses	An immunosuppressant.

Chemical Properties	White Powder

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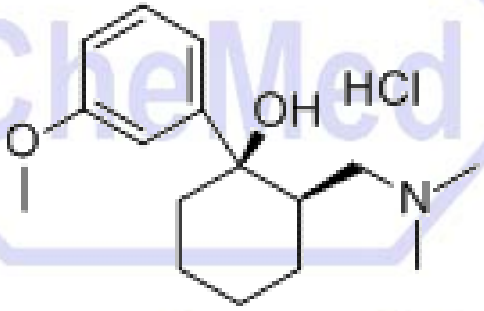
Manufacturer of pharmaceutical active ingredients

Product Name:	Tramadol hydrochloride
Synonyms:	AURORA KA-863;(+/-)-CIS-2-(DIMETHYLAMINOMETHYL)-1-(3-METHOXYPHENYL)CYCLOHEXANOL HYDROCHLORIDE;CIS-TRAMADOL HYDROCHLORIDE;O-DESMETHYL-CIS-TRAMADOL HCL;TRAMADOL HCL;TRAMODOL HCL;TRAMADOL HYDROCHLORIDE;Crispin,Tramal,trans-(+/-)-2-[(Dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol,HCl
CAS:	**22204-88-2**
MF:	C16H26ClNO2
MW:	299.84
EINECS:	220-831-4
Product Categories:	Intermediates & Fine Chemicals;Pharmaceuticals;Opioid receptor and opioid-like receptor
Mol File:	22204-88-2.mol
	
Chemical Properties	White Cyrstalline Solid
Uses	An Analgesic

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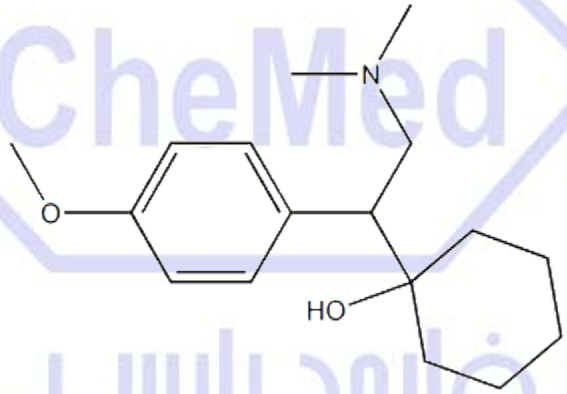
Manufacturer of pharmaceutical active ingredients

Product Name:	Venlafaxine
Synonyms:	1-[(1R)-2-(Dimethylamino)-1-(4-methoxyphenyl)ethyl]cyclohexanol;Trevilor;Velafax;Wy-45030;Wy-45651;1-[1-(4-Methoxyphenyl)-2-(dimethylamino)ethyl]cyclohexanol;1-[1-(4-Methoxyphenyl)-2-dimethylaminoethyl]cyclohexanol;1-[α-(Dimethylaminomethyl)-4-methoxybenzyl]cyclohexanol
CAS:	**93413-69-5**
MF:	C17H27NO2
MW:	277.4
EINECS:	618-944-2
Product Categories:	Chiral Reagents;Inhibitors;Intermediates & Fine Chemicals;Pharmaceuticals;Pharmaceutical raw material;Effexor, Efexor;PROZAC;Pharmaceutical material and intermeidates;Venlafaxine
Mol File:	93413-69-5.mol
	
Chemical Properties	White Solid
Uses	antidepressant;serotonin-norepinephrine reuptake inhibitor
General Description	The structure and activity of venlafaxine (Effexor) are in accordwith the general SARs for the group. As expected, it isan effective antidepressant. Venlafaxine is a serotonin–norepinephrinereuptake inhibitor (SNRI).

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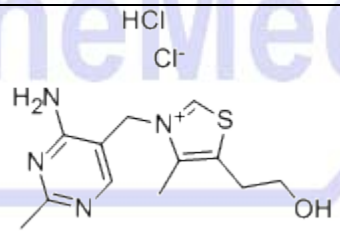
Manufacturer of pharmaceutical active ingredients

Product Name:	Thiamine hydrochloride
Synonyms:	2-[3-[(6-amino-2-methyl-4-pyrimidinyl)methyl]-4-methyl-5-thiazol-3-iumyl]ethanol chloride hydrochloride;Thiamine hydrochloride in stock Factory;Vit B1 (Thiamine Nitrate);Vitamin B1 Thiamine HCL Powder;VIT B1;VITAMIN B1 HCL;VITAMIN B1 HYDROCHLORIDE;TIMTEC-BB SBB001377
CAS:	**67-03-8**
MF:	C12H18Cl2N4OS
MW:	337.27
EINECS:	200-641-8
Product Categories:	Biochemistry;Vitamin B1;vitamin;Nutritional supplement.;Inhibitors;Vitamins;Vitamins and derivatives;Vitamin Ingredients;Miscellaneous Compounds;Amines;Aromatics;Heterocycles;Intermediates & Fine Chemicals;Pharmaceuticals;Sulfur & Selenium Compounds
Mol File:	67-03-8.mol
	
Chemical Properties	White or almost white, crystalline powder or colourless crystals.
Chemical Properties	Vitamin B1 has an odor slightly reminiscent of thiazole and a bitter taste. When exposed to air, the vitamin rapidly absorbs about 4% of water.
Uses	Thiamine is the water-soluble vitamin b1, required for normal digestion and functioning of nerve tissues and in the prevention of beriberi. It also acts as a coenzyme in the metabolism of carbohydrates. During processing, the higher and longer the heating period, the greater the loss. The loss is reduced in the presence of acid. Thiamine hydrochloride and thiamine mononitrate are two available forms. The mononitrate form is less hygroscopic and more stable than the hydrochloride form, making it suitable for use in beverage powders. It is used in enriched flour and is found as thiamine mononitrite in frozen egg substitute and crackers.

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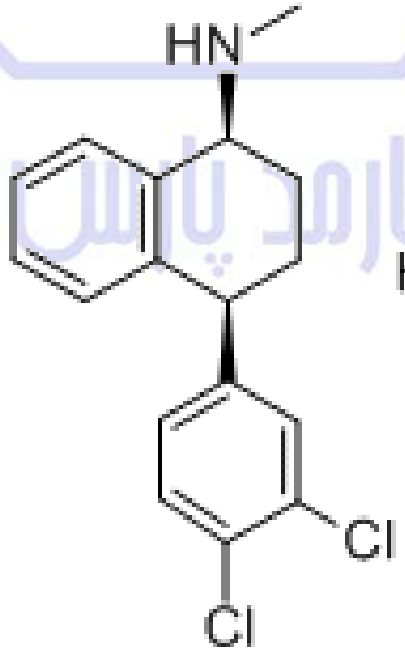
Manufacturer of pharmaceutical active ingredients

Product Name:	Sertraline hydrochloride
Synonyms:	Rac-cis-Sertraline-13C-d3 HCl;1-NaphthalenaMine,4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-Methyl-, hydrochloride (1:1),(1S,4S)-;CP-51974-1 HCl;Sertraline hydrochloride solution;Sertraline hydrochloride, 98%, an antidepressant of the selective serotonin reuptake inhibitor (SSRI);(1S,4S)-4-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDRO-N-METHYL-1-NAPHTHALENAMINE HYDROCHLORIDE;(1S,4S)-4-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDRO-N-METHYL-1-NAPTHALENAMINE HYDROCHLORIDE;(1S,4S)-1-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDRO-4-(METHYLAMINO)NAPHTHALENE HYDROCHLORIDE
CAS:	**79559-97-0**
MF:	C17H18Cl3N
MW:	342.69
EINECS:	616-702-0
Product Categories:	KETEK;Pharmaceutical Intermediates;Active Pharmaceutical Ingredients;APIs;Inhibitors;Intermediates & Fine Chemicals;Pharmaceuticals;Serotonin receptor;API
Mol File:	79559-97-0.mol



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Description	Sertraline is the hydrochloride form of sertraliine. Sertraline belongs to the selective serotonin reuptake inhibitor (SSRI) class antidepressant drug. Sertraline is indicated for the treatment of major depressive disorder in adults as well as obsessive-compulsive disorder, post-traumatic stress disorder (PTSD), premenstrual dysphoric disorder (PMDD), panic disorder and social anxiety disorder occurring in both adults and children. Its exact mechanism of action is still not fully understand. But it is indicated that this drug can selectively inhibit the reuptake of serotonin at the presynaptic membrane, increasing serotonin levels in the synapses and enhancing serotonergic neurotransmission. This effect seems to be related to the antidepressant effect of sertraliine.
Chemical Properties	White or almost white, crystalline powder.
Uses	A selective serotonin reuptake inhibitor. Used as an antidepressant

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