



AMO PHARMED ARIA



► Amopharmed Aria Co.



Knowledge-based pharmaceutical company Amopharmad Aria (Private Joint Stock Company) relying on the skills of its research and development team and using the knowledge of reputable global companies and with the support of the pharmaceutical group of TaK Dasht to the large pharmaceutical community as well as the production and formulation of herbal antioxidants For the first time, our beloved country in the chemical and pharmaceutical industries among the most important goals The country has joined and achieved the technical knowledge of making several molecules of effective substances and oily and non-oily vitamins in pharmaceutical grades.

By localizing the technical know-how of the active pharmaceutical ingredients: prilocaine, meloxicam, solifenacin succinate and Levetiracetam as well as vitamins A, E and D3, it is currently in the stage of industrial production, so that our beloved country, Islamic republic of Iran, is among the few countries that have this technical know-how. It is valued in the world and in addition to not needing to import these products, the depth of production of pharmaceutical products, food for humans and livestock has increased and the industrial clusters of these fields are completed.

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Creating a complete cycle in the synthesis and production of pharmaceutical raw materials, localization of synthesis, formulation and innovation of pharmaceutical raw materials - supplements and food with the purpose of increasing the depth of production and creating added value and Using the advantages of preventing the indiscriminate outflow of currency, helping to create jobs have been one of The objectives of this group managers until now, relying on their personal capital and the round-the-clock efforts of their personnel, this knowledge-based production project has advanced to the launch stage, and it is worth mentioning that the company has full capacity production in addition to significant currency savings. A noticeable amount will lead to the employment of 150 specialists in the established site and 250 persons in the second site

► Licenses and certificates:

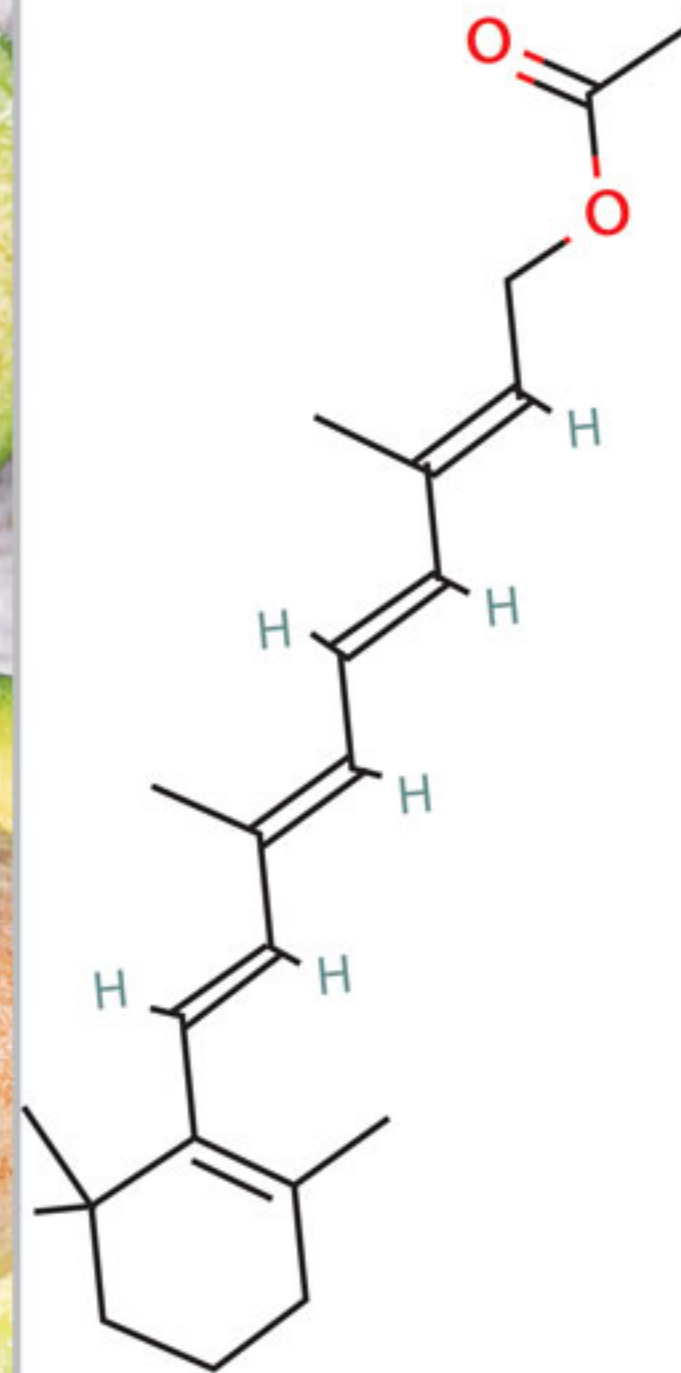
- 1- GMP licenses from Iran food and drug administration.
- 2- License of manufactured 6 knowledge-based molecules from Iran food and drug administration. for the first time in the country.
- 3-Confirmation of the basic knowledge of 11 Active Pharmaceutical Ingredients from Iran vice president scientific & technology organization
- 4- Agreement in principle for the construction of a pharmaceutical factory and pharmaceutical raw materials (Food and Drug Organization of the Ministry of Health)
- 5-Patent certificate for meloxicam active pharmaceutical ingredient and green tea antioxidant (National Property and Deed Registration Organization)



Vitamin A Acetate

Applications

- Pharmaceutical Dosage
- Nutritional Supplements
- Food Fortification
- Cosmetics and Skincare Products
- Animal Feed Additive



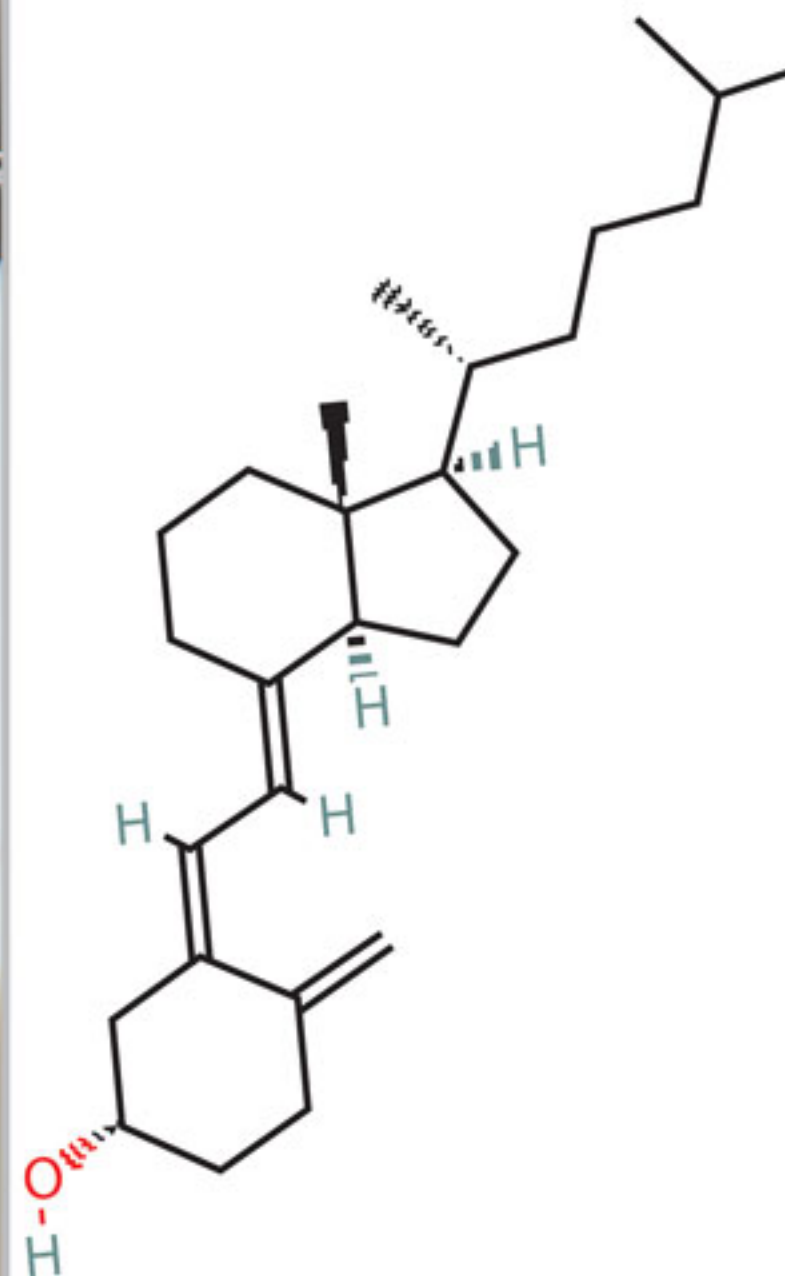
COA	
Product Name	Vitamin A Acetate 500 SD CWS/A
Appearance	Light Yellow Free-Flowing Powder
Analytical Specification USP 43	
Assay	≥ 500,000 IU/g
Los on Drying	≤ 5%
Solubility	Dispersible in cool water forming a milky emulsion
Sieve analysis	100 % Through sieve No.40 (US)
	≥ 90 % Through sieve No.60 (US)
	≥ 45 %Through sieve No.100 (US)
Heavy Metals	≥ 10mg/kg
Microbiological Specification USP 43	
Total Plate Count	≤1000CFU/g
Yeasts and Molds	≤100CFU/g
Salmonella	Negative
Packaging	25 Kg Carton
Storage Conditions	Keep in a dry and cool place, in a sealed container



Vitamin D3

Applications

- Food Fortification
- Dietary supplements
- Cosmetics



COA	
Product Name	Vitamin D3 Powder 100/000 IU/g
Appearance	Off-white or Light Yellow free-flowing Powder
Analytical Specification USP 43	
Assay	$\geq 100/000$ IU/g
Los on Drying	$\leq 5\%$
Solubility	Soluble in alcohols, acetone, chloroform, toluene, vegetable oils, in soluble in water
Identification	Positive
Residual solvents	Meet the requirements
Acid value	≤ 2.0 mgKOH/g
Peroxide value	Negative
Heavy metals	≤ 10 mg/kg
Microbiological Specification USP 43	
Total plate count	< 1000 cfu/g
Yeast and molds	< 100 cfu/g
E.coli	Negative
Salmonella	Negative
Packaging	15 Kg Drum
Storage Conditions	Keep in a dry and cool place, in a sealed container

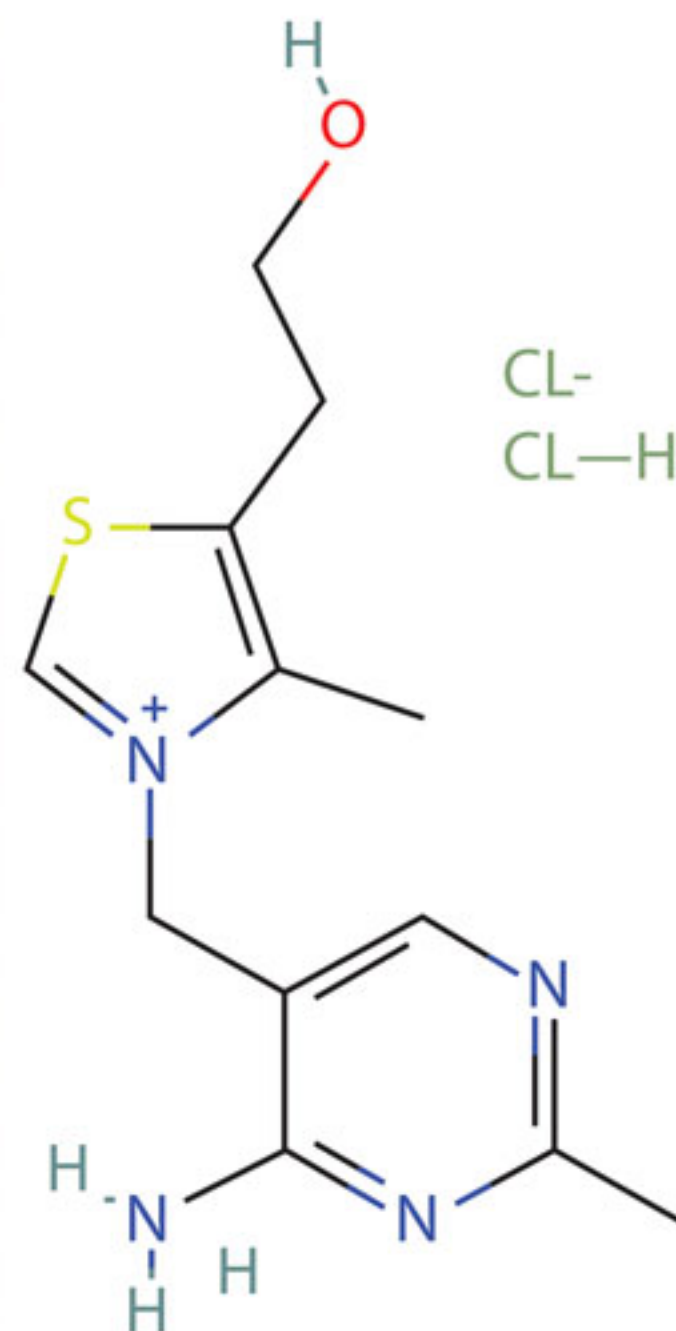


Vitamin B1

(Thiamine HCl)

Applications

- Nutritional Supplements
- Treatment of Thiamine Deficiency
- Pharmaceuticals
- Animal Feed Additive



COA	
Product Name	Thiamine Hydrochloride
Appearance	White or Almost White, Crystalline Powder
Analytical Specification USP 43	
Assay	98.5- 101%
Los on Drying	≤ 3.0%
Identification	IR and test of chlorides
Solubility	Freely soluble in water, soluble in glycerol, slightly soluble in alcohol
Heavy Metals	≤20mg/kg
Appearance of solution	Clear and not more than Y7
Sulphates	≤ppm 300
Limit of nitrate	No brown ring is produced
Related substances	Total: ≤0.1 %
Water	≤ 5 %
Sulphated ash	≤0.1%
Related compounds	≤ 1.0%
Package	25Kg Carton
Storage Conditions	Keep in a dry and cool place, in a sealed container

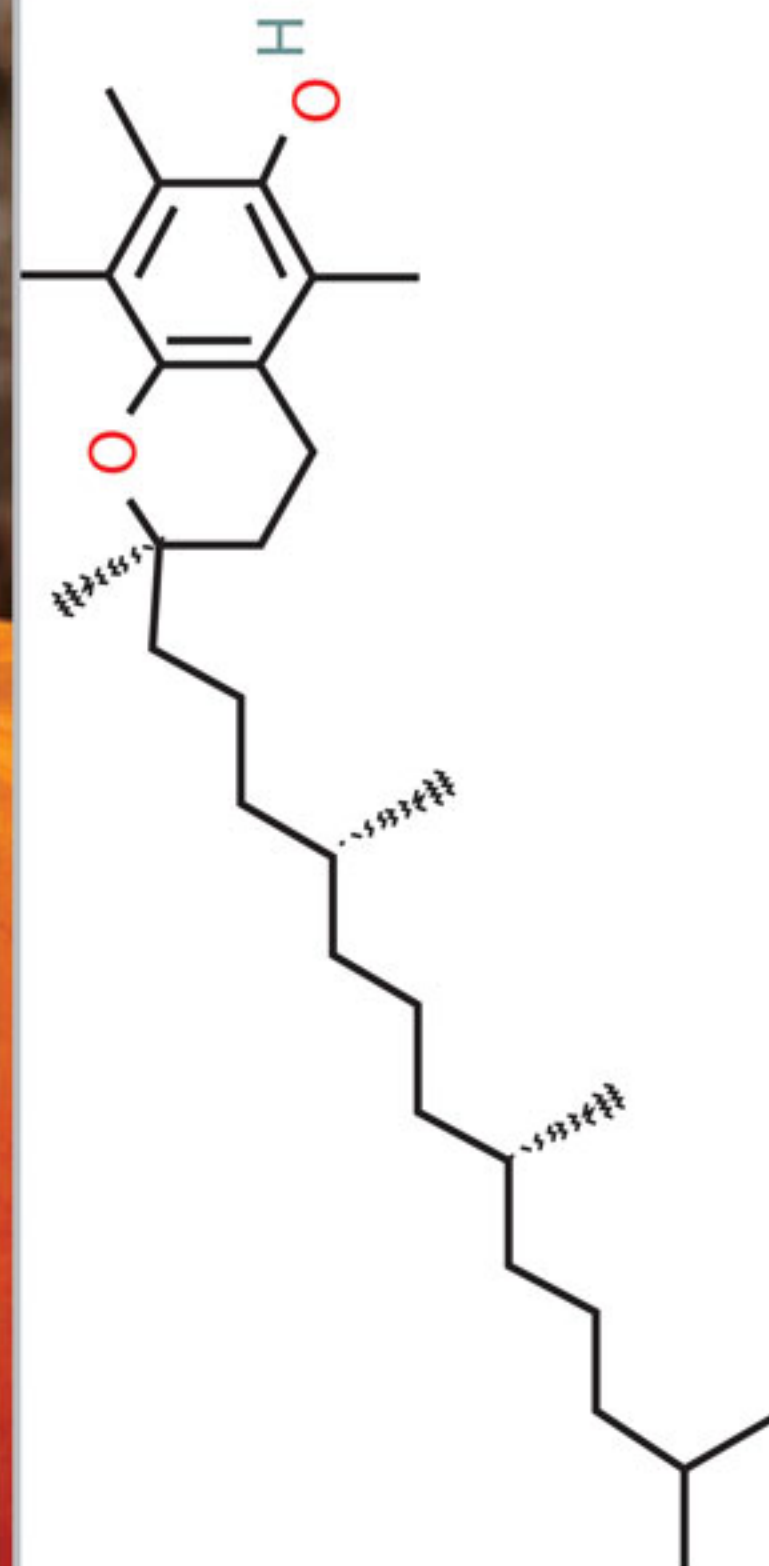


Vitamin E

50 %

Applications

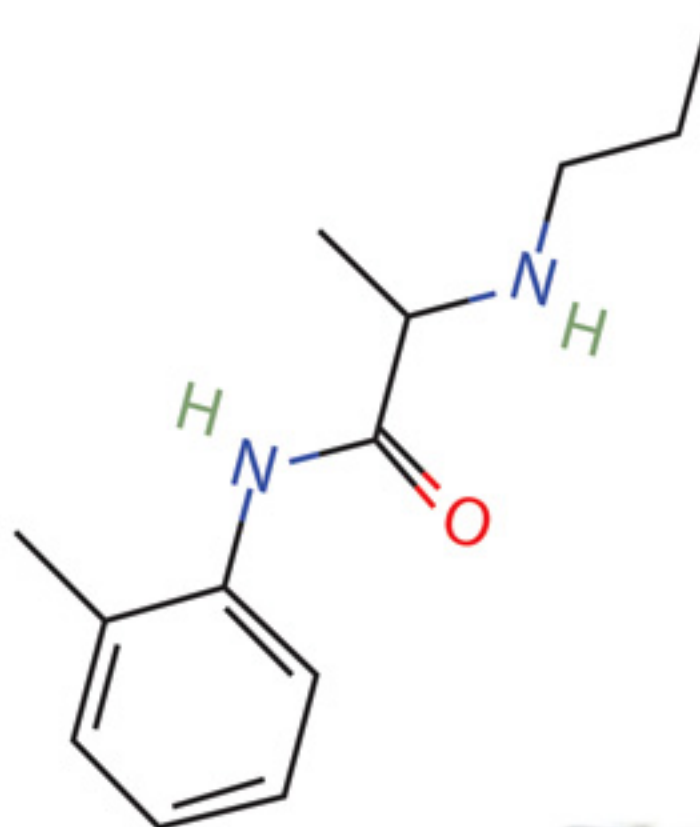
- Pharmaceuticals
- Personal Care Products
- Animal Nutrition
- Food and Beverage Industry
- Cosmetics and Skincare
- Dietary Supplements



COA	
Product Name	Vitamin E Acetate 50 % CWS/S
Appearance	White Or Off-White Free-Flowing Powder
Analytical Specification	
Item	USP 40 Standards
Assay	≥ 50%
Los on Drying	≤3.0%
Identification	A: A bright red or orange color develops B: Optical rotation the dl-forms shows es- sentially no optical rotation C: The retention time of major peak of the sample solution
Solubility	Dispersible in cool water forming a milky emulsion
Sieve analysis	100 % Through sieve No.40 (US) ≥ 90 % Through sieve No.60 (US) ≥ 45 % Through sieve No.100 (US)
Heavy Metals	≥ 10mg/kg
Microbiological Specification USP 43	
Total Plate Count	≤ 1000CFU/g
Yeasts and Molds	≤ 100CFU/g
Salmonella	Negative
Coliforms	< 0.3 MPN/g
Packaging	Kg Carton 25
Storage Conditions	Keep in a dry and cool place, in a sealed container



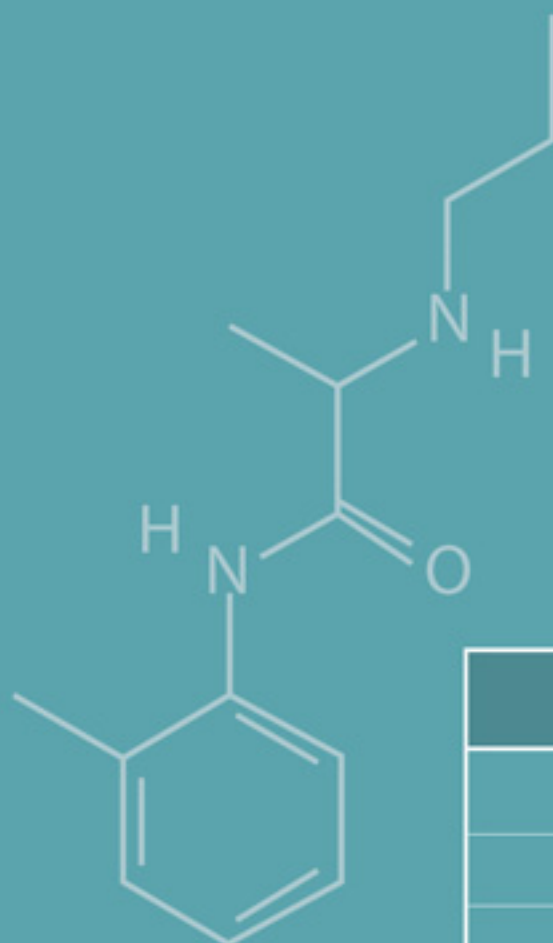
Prilocaine (Base)



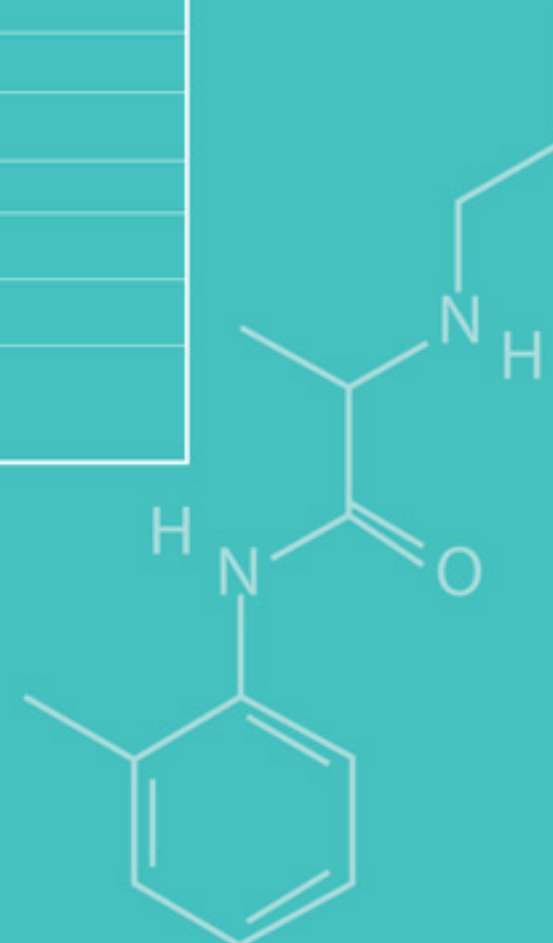
Applications

Prilocaine is a local anesthetic used in dental procedures

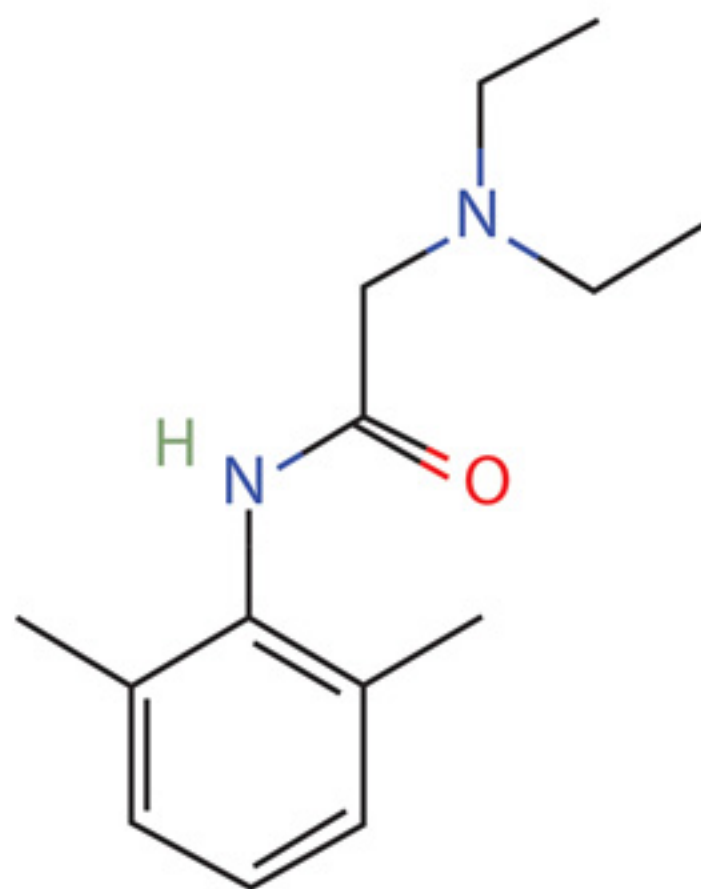




COA	
Product Name	Prilocaine
Appearance	White Solid
CAS No	721 - 50 - 6
Analytical Specification USP 43	
Assay	98 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Packaging	25 Kg Carton
Storage Conditions	Keep in a dry and cool place, in a sealed container



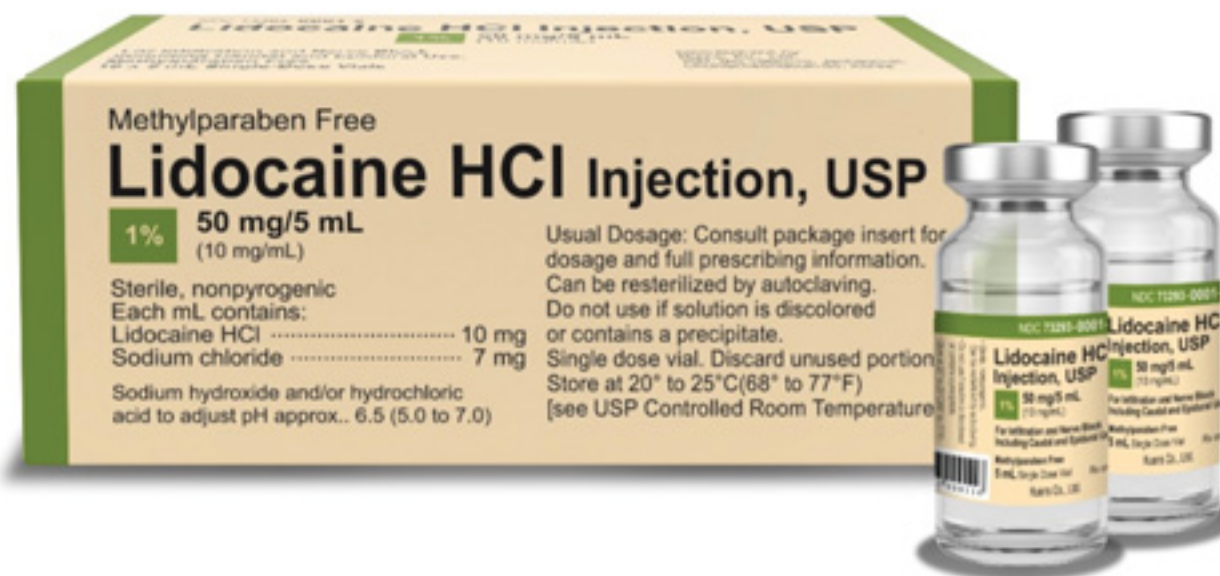
Lidocaine Hcl

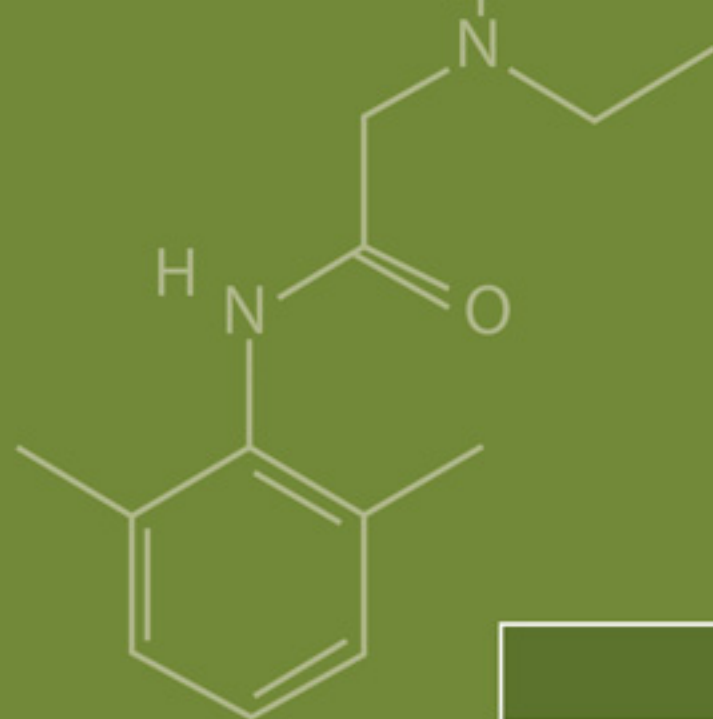


Applications

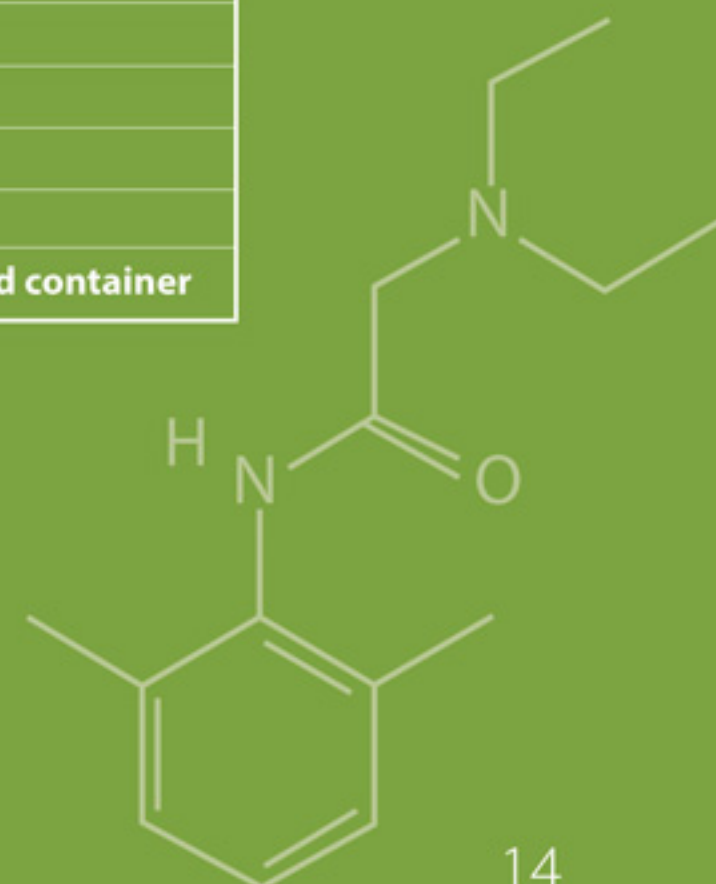
Anesthetic (local); antiarrhythmic (class IB).

Long-acting, membrane stabilizing agent against ventricular arrhythmia. Originally developed as a local anesthetic.

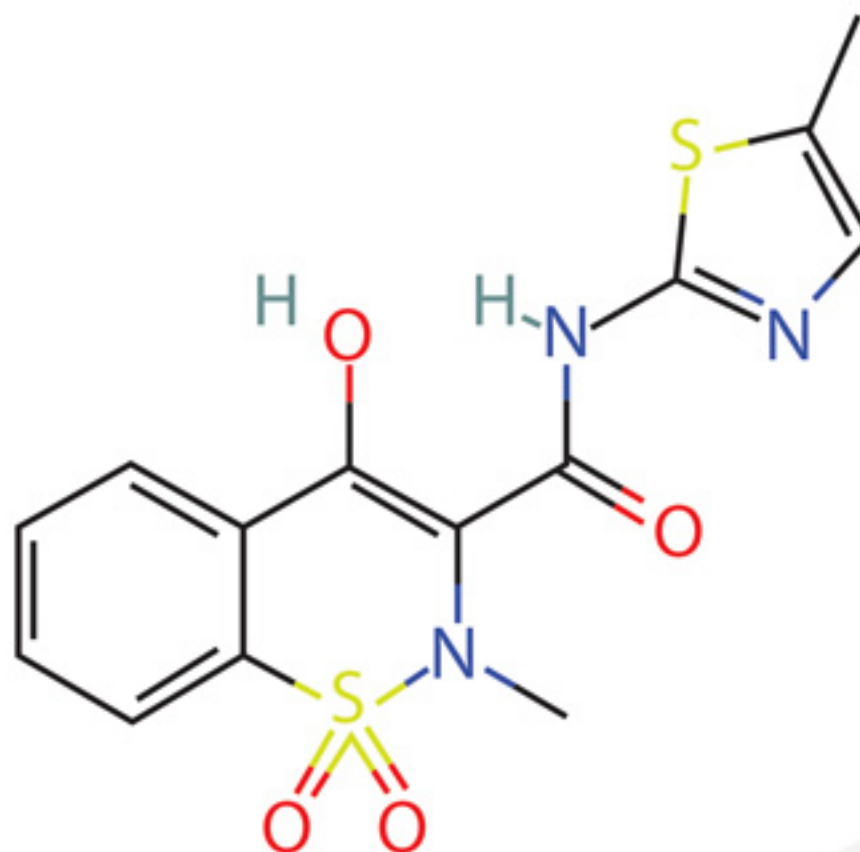




COA	
Product Name	Lidocaine hydrochloride
Appearance	White to Off-White Solid
CAS No	6108-05-0
Analytical Specification USP 43	
Assay	97 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Solubility	Chloroform (Sparingly), Methanol (Slightly), Water (Slightly)
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Packaging	20 Kg Drum
Storage Conditions	Keep in a dry place, in a sealed container



Meloxicam

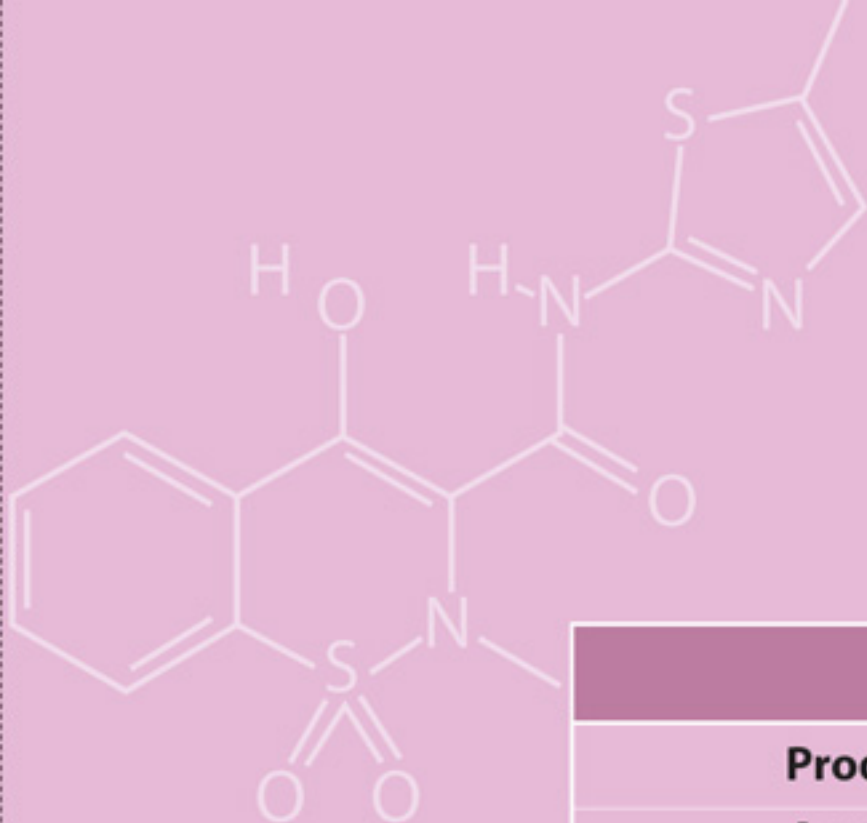


Applications

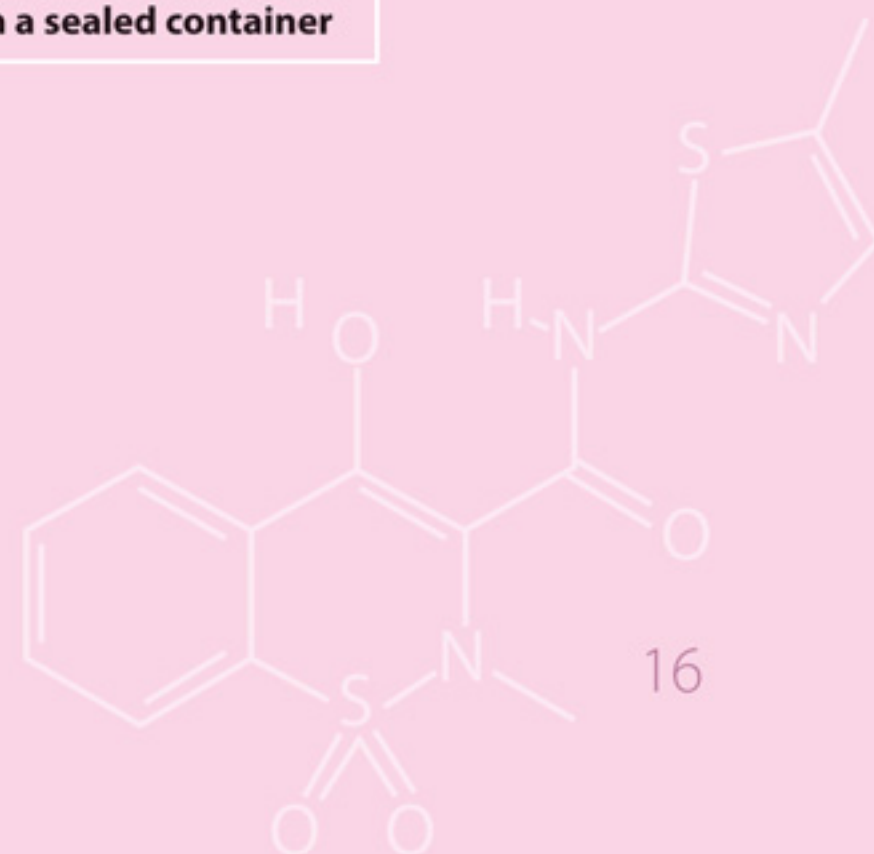
Preferential cyclooxygenase (COX-2) inhibitor.

Meloxicam is a nonsteroidal anti-inflammatory drug (NSAIDs) from the enol-carboxamide class

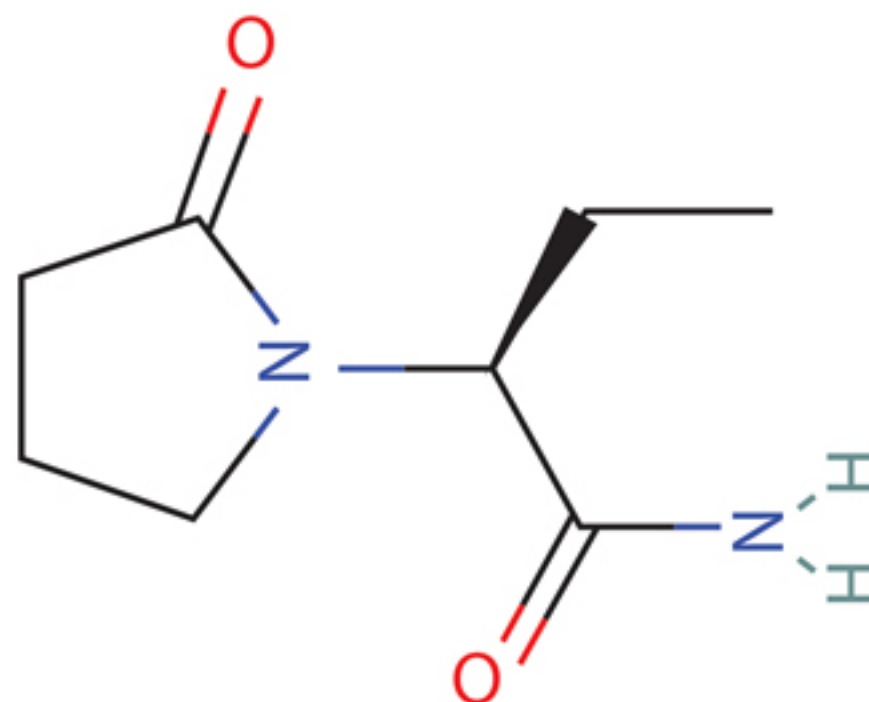




COA	
Product Name	Meloxicam
Appearance	Pale Yellow to Light Yellow Solid
CAS No	71125-38-7
Analytical Specification USP 43	
Assay	98 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Solubility	DMSO (Slightly)
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Packaging	20 Kg Drum
Storage Conditions	Keep in a dry place, in a sealed container



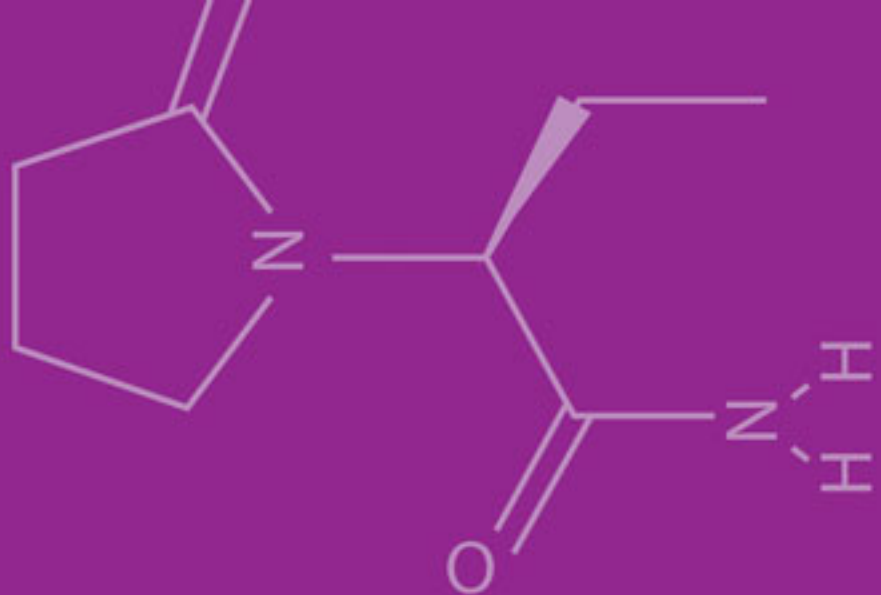
Levetiracetam



Applications

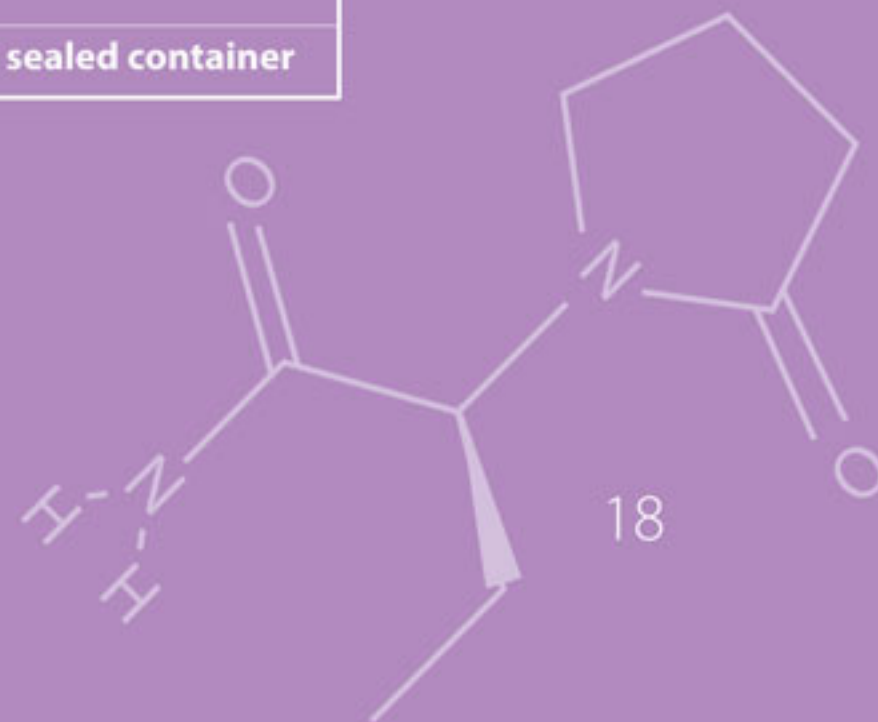
It is used to treat epilepsy



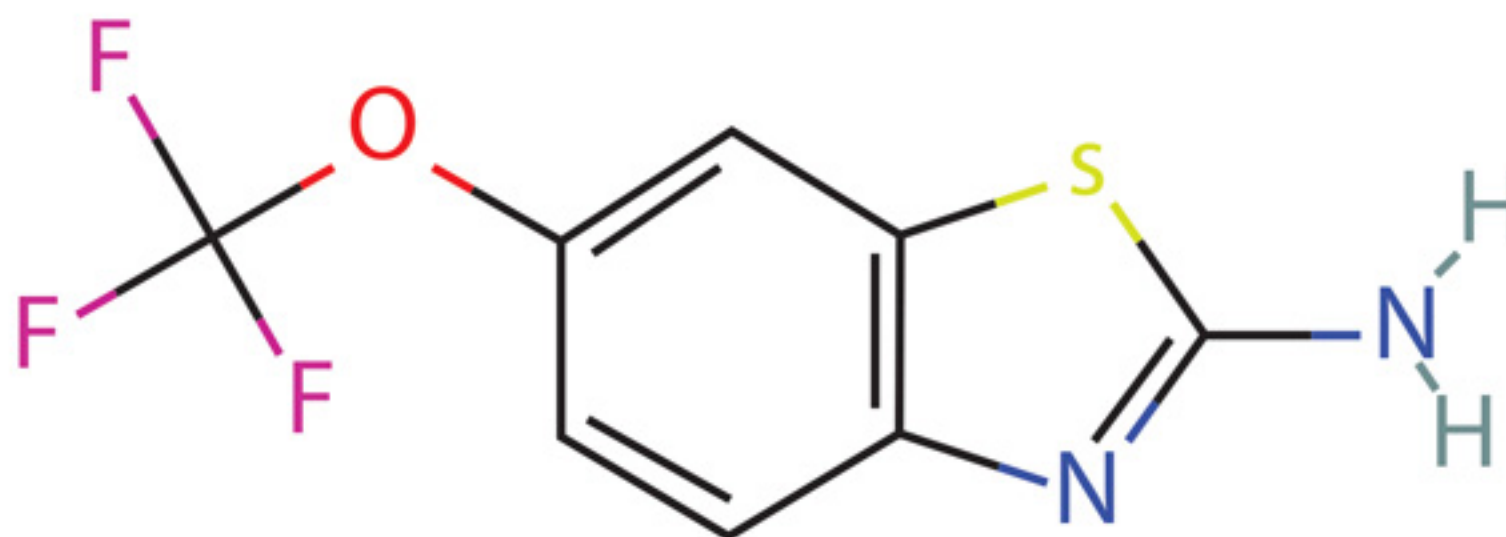


COA

Product Name	Levetiracetam
Appearance	White to Off-White Solid
CAS No	102767-28-2
Melting point	240 -242°C
Analytical Specification	
Item	USP 43 Standards
Assay	98 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Solubility	Acetone (Slightly), Chloroform (Slightly), Methanol (Slightly)
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Packaging	20 Kg Drum
Storage Conditions	Keep in a dry place, in a sealed container



Riluzole

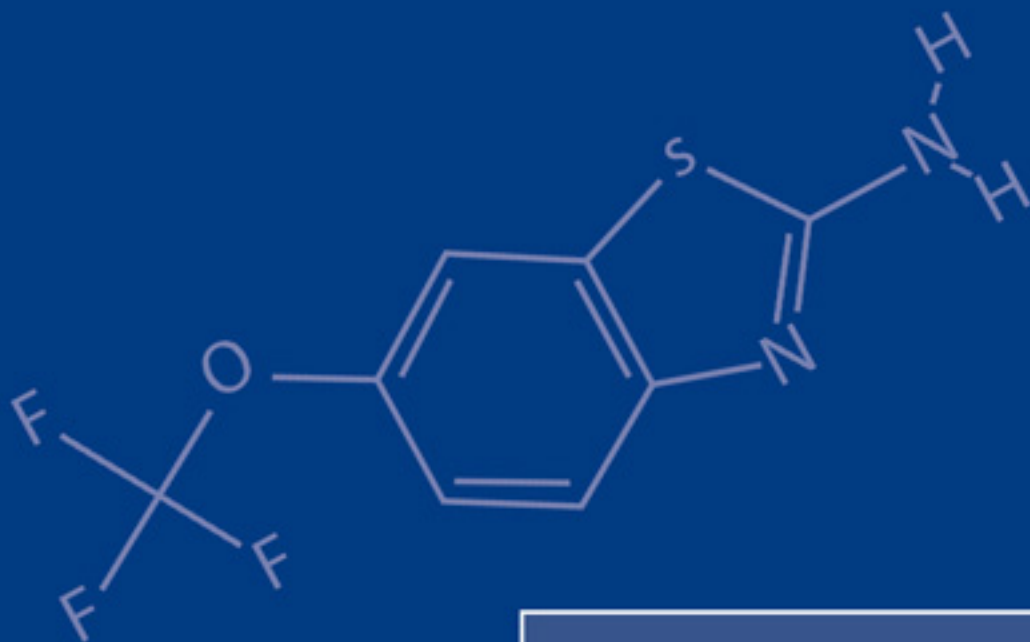


Applications

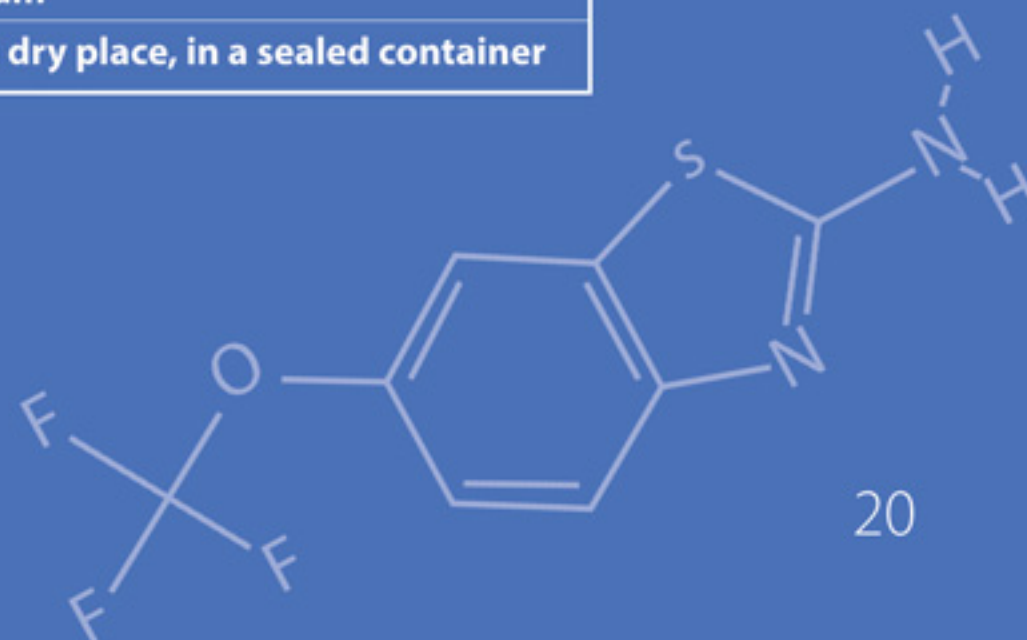
A neuroprotective drug that blocks glutamatergic neurotransmission in the CNS.

Treatment of patients with amyotrophic lateral sclerosis (ALS) and convulsion.

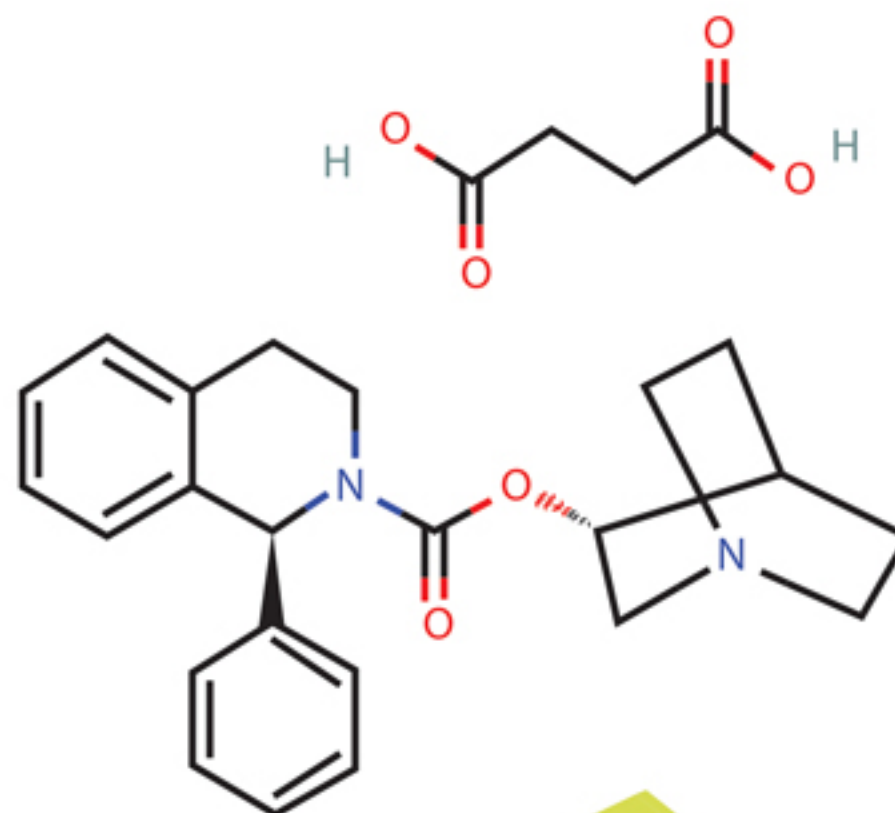




COA	
Product Name	Riluzole
Appearance	White to Pale Beige Solid
CAS No	1744-22-5
Melting point	117 -119°C
Analytical Specification USP 43	
Assay	98 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Solubility	Chloroform (Slightly), Methanol (Slightly)
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Packaging	20 Kg Drum
Storage Conditions	Keep in a dry place, in a sealed container



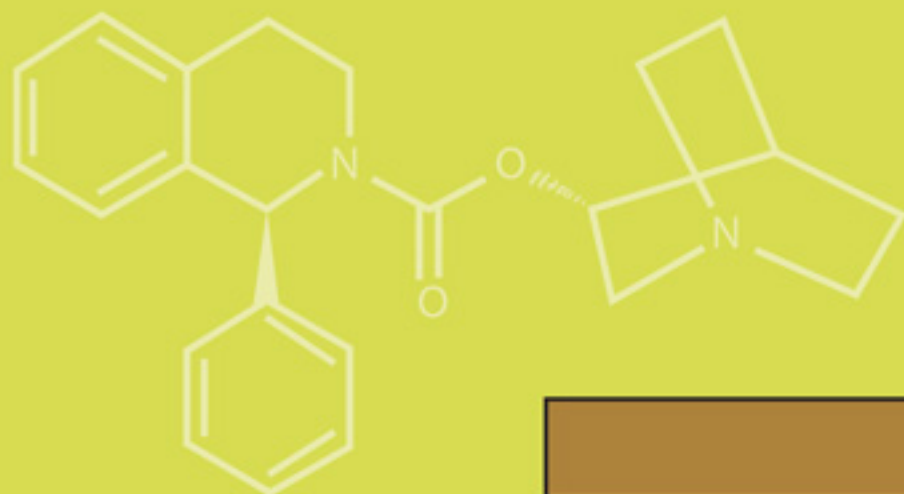
Solifenacin succinate



Applications

Used in treatment of overactive bladder.



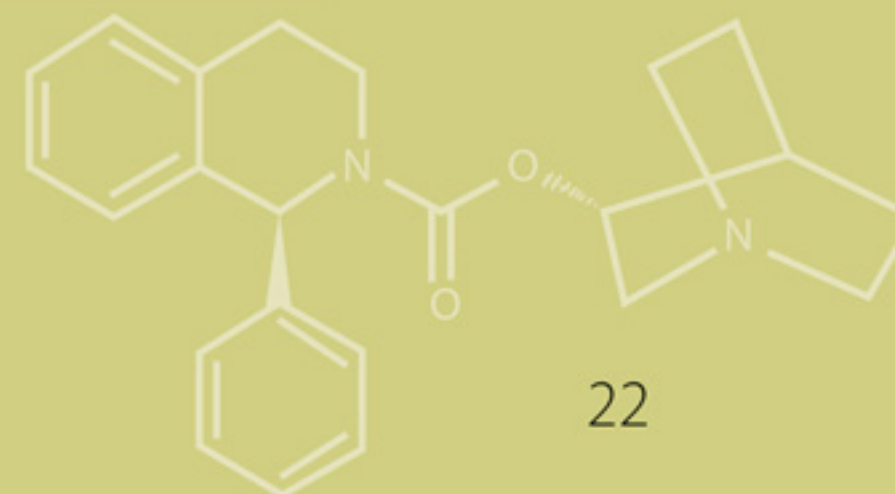
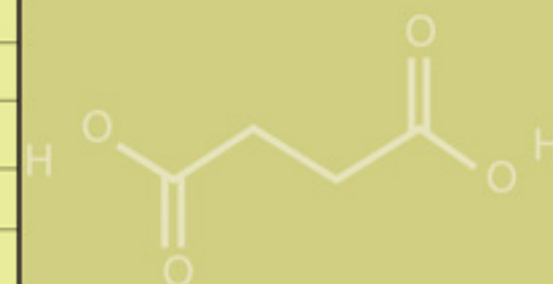


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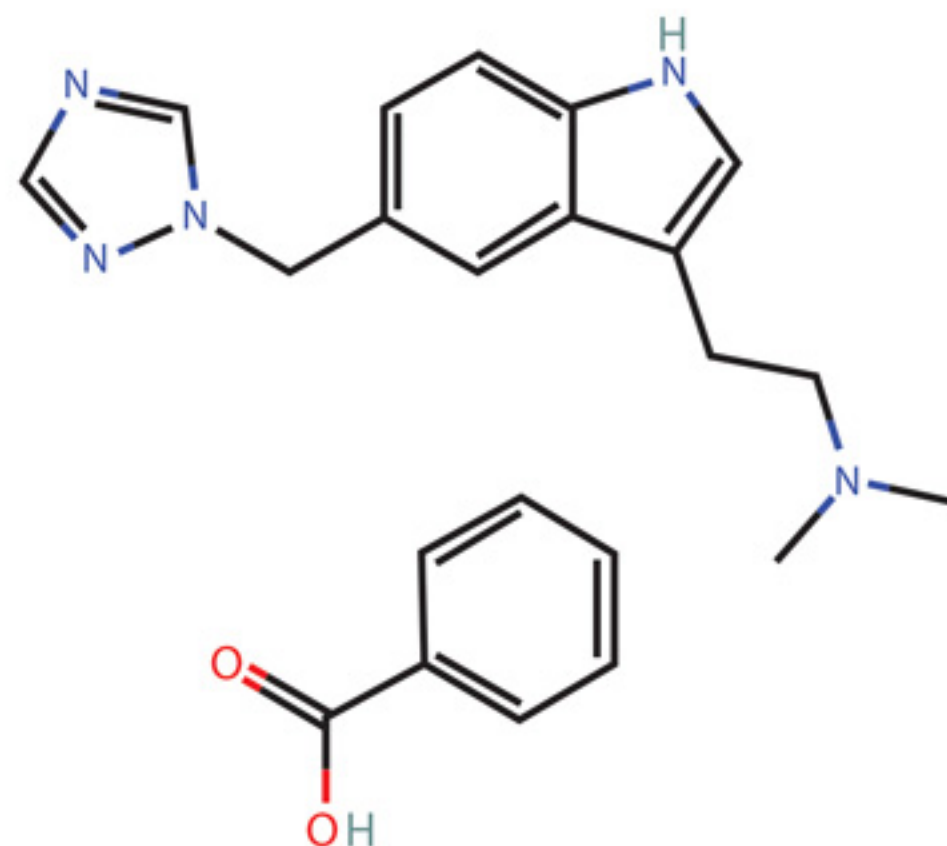
آمو فارمد آریا

COA

Product Name	Solifenacin succinate
Appearance	White to Off-White Solid
CAS No	242478-38-2
Melting point	104 -106°C
Analytical Specification USP 43	
Assay	99 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Solubility	Methanol (Slightly, Heated, Sonicated), Water (Slightly, Sonicated)
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Packaging	20 Kg Drum
Storage Conditions	Keep in a dry place, in a sealed container



Rizatriptan benzoate



Applications

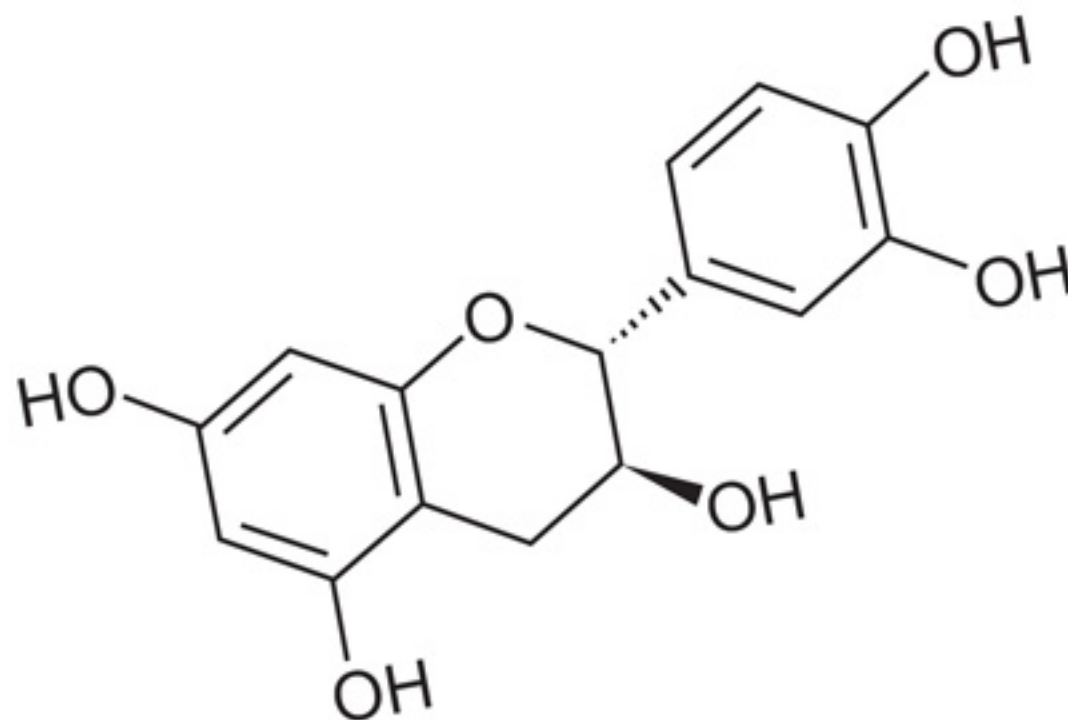
Rizatriptan benzoate is a selective serotonin HT_{1D}-5 receptor agonist and used to treat migraine (1,2,3). It is structurally derived from tryptamine.



COA

Product Name	Rizatriptan benzoate
Appearance	White Solid
CAS No	145202-66-0
Melting point	178 -180°C
Analytical Specification USP 43	
Assay	98 - 102%
Identification	Melting point, IR Spectroscopy
Residue on ignition	≤ 0.1 %
Solubility	Methanol (Slightly, Heated, Sonicated), Water (Slightly, Sonicated)
Individual impurity	≤ 0.2 %
Total impurities	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Packaging	20 Kg Drum
Storage Conditions	Keep in a dry place, in a sealed container

Biolexy



Applications

- Pharmaceuticals
- Oils and fats
- Cosmetics
- Carbonated Drinks
- Snakes and chips
- Prepared Food Products
- Sanitary





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آمو فارمد آریا

COA			
Items	Standards	Conclusion	BHA (Blank)
Peroxide Value	ISIRI 4179	1.89 mEq/kg	10.62 mEq/kg
pH	USP 44	3.89	-
Viscosity	USP 44	58.2 cps	-
Organoleptic	USP 44	Lemon	-
Total aerobic microbial count	USP 43	10> Cgu/g	-
Total combined yeast	USP 43	10> Cgu/g	-
Escherichia Coli	USP 43	Negative	-
Rancimat	3734	9.1 Hour	5.4 Hour
Packaging	20 Kg Drum		
Storage Conditions	Keep in a dry place, in a sealed container		



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