

Thonzylamine

Chemical Properties

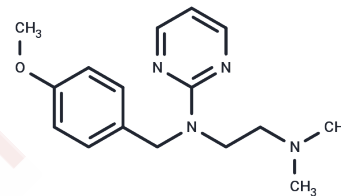
CAS No. : 91-85-0

Formula: C₁₆H₂₂N₄O

Molecular Weight: 286.37

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Thonzylamine (neohetramine) is an antihistamine and anticholinergic drug. It is available as combination products with Clofedanol or Phenylephrine for temporary relief of symptoms of common cold, hay fever (allergic rhinitis) or other upper respiratory allergies.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 199 mM, Sonication is recommended. H ₂ O: 199 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (6.98 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.492 mL	17.4599 mL	34.9199 mL
5 mM	0.6984 mL	3.492 mL	6.984 mL
10 mM	0.3492 mL	1.746 mL	3.492 mL
50 mM	0.0698 mL	0.3492 mL	0.6984 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

SCUDI JV, REINHARD JF, DREYER NB: Pharmacologic characteristics of neohetramine, a new antihistaminic drug. J Allergy. 1948 May;19(3):184-99.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481