

Chlorphenoxamine

Chemical Properties

CAS No. : 77-38-3

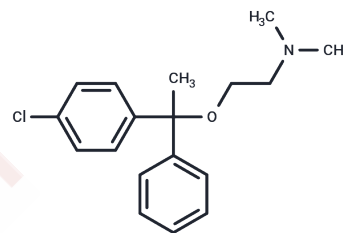
Formula: C₁₈H₂₂ClNO

Molecular Weight: 303.83

Keep away from moisture, Keep away from direct sunlight

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	Chlorphenoxamine (Contristamine) is an antihistamine and anticholinergic utilized as an antipruritic and antiparkinsonian agent.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (164.57 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 (6.58 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	3.2913 mL	16.4566 mL	32.9131 mL
5 mM	0.6583 mL	3.2913 mL	6.5826 mL
10 mM	0.3291 mL	1.6457 mL	3.2913 mL
50 mM	0.0658 mL	0.3291 mL	0.6583 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.

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