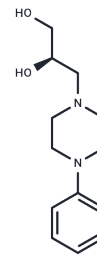


(+)-Dropropizine

Chemical Properties

CAS No. :	99291-24-4
Formula:	C ₁₃ H ₂₀ N ₂ O ₂
Molecular Weight:	236.31
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(+)-Dropropizine can inhibit histamine receptor, anti-allergic, and reduce a cough by modulation of neuropeptides involved in the cough reflex and by interfering with stimulus activation of peripheral endings of sensory nerves.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (211.59 mM),Sonication is recommended. Ethanol: 47 mg/mL (198.89 mM),Sonication is recommended. H ₂ O: 15 mg/mL (63.48 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2317 mL	21.1586 mL	42.3173 mL
5 mM	0.8463 mL	4.2317 mL	8.4635 mL
10 mM	0.4232 mL	2.1159 mL	4.2317 mL
50 mM	0.0846 mL	0.4232 mL	0.8463 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

Melillo G, et al. Arzneimittelforschung, 1988, 38(8), 1144-1150.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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