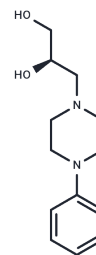


**(+)-Dropropizine****Chemical Properties**

CAS No. :	99291-24-4
Formula:	C <sub>13</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	236.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year

**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. H2O: 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.

**Reference**

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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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