

Mepyramine

Chemical Properties

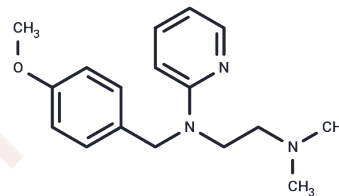
CAS No. : 91-84-9

Formula: C17H23N3O

Molecular Weight: 285.38

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	Mepyramine is a histamine H1 antagonist. It has mild hypnotic properties and some local anesthetic action and is used for allergies both parenterally and locally.
Targets(IC50)	Others

Solubility Information

Solubility DMSO: 55 mg/mL (192.73 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5041 mL	17.5205 mL	35.041 mL
5 mM	0.7008 mL	3.5041 mL	7.0082 mL
10 mM	0.3504 mL	1.752 mL	3.5041 mL
50 mM	0.0701 mL	0.3504 mL	0.7008 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

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- Alachkar A, Latacz G, Siwek A, Lubelska A, Honkisz E, Gryboś A, Łażewska D, Handzlik J, Stark H, Kiec-Kononowicz K, Sadek B. Anticonvulsant evaluation of novel non-imidazole histamine H3R antagonists in different convulsion models in rats. *Pharmacol Biochem Behav.* 2018 May 3;170:14-24. doi: 10.1016/j.pbb.2018.04.010. [Epub ahead of print] PubMed PMID: 29729290.
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