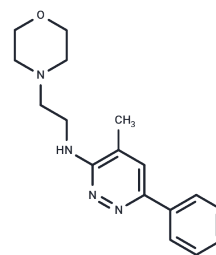


Minaprine

Chemical Properties

CAS No. :	25905-77-5
Formula:	C ₁₇ H ₂₂ N ₄ O
Molecular Weight:	298.38
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	Minaprine, a reversible inhibitor of MAO-A, is used in the treatment of various depressive states.
Targets(IC50)	MAO,5-HT Receptor,AChR,Cholinesterase (ChE),Dopamine Receptor,Monoamine Oxidase

Solubility Information

Solubility	DMSO: 35 mg/mL (117.3 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	3.3514 mL	16.7572 mL	33.5143 mL
5 mM	0.6703 mL	3.3514 mL	6.7029 mL
10 mM	0.3351 mL	1.6757 mL	3.3514 mL
50 mM	0.067 mL	0.3351 mL	0.6703 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

Kodama K, et al. Jpn J Pharmacol. 1992 Sep; 60(1):33-8.

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