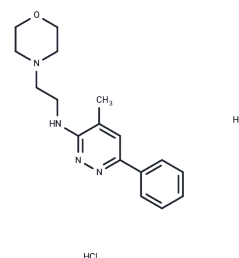


Minaprine dihydrochloride

Chemical Properties

CAS No. :	25953-17-7
Formula:	C ₁₇ H ₂₄ Cl ₂ N ₄ O
Molecular Weight:	371.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Minaprine dihydrochloride is a reversible MAO-A inhibitor; It weakly inhibit acetylcholinesterase. Minaprine dihydrochloride is an antidepressant for treatment of depression.
Targets(IC ₅₀)	MAO, Monoamine Oxidase

Solubility Information

Solubility	DMSO: 50 mg/mL (134.66 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6932 mL	13.4662 mL	26.9324 mL
5 mM	0.5386 mL	2.6932 mL	5.3865 mL
10 mM	0.2693 mL	1.3466 mL	2.6932 mL
50 mM	0.0539 mL	0.2693 mL	0.5386 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

- Contreras JM, et al. Aminopyridazines as acetylcholinesterase inhibitors. J Med Chem. 1999 Feb 25;42(4):730-41.
Kan JP, et al. Effect of the antidepressant minaprine on both forms of monoamine oxidase in the rat. Biochem

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