

Harmine hydrochloride

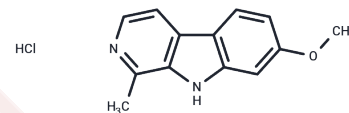
Chemical Properties

CAS No. : 343-27-1

Formula: C₁₃H₁₃ClN₂O

Molecular Weight: 248.71

Storage: Keep away from moisture, Keep away from direct sunlight
 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	Harmine hydrochloride (telepathine hydrochloride) is extracted from Peganum Harmala Genus.
Targets(IC50)	5-HT Receptor, GluR, DYRK

Solubility Information

Solubility	DMSO: 2 mg/mL (8.04 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	4.0207 mL	20.1037 mL	40.2075 mL
5 mM	0.8041 mL	4.0207 mL	8.0415 mL
10 mM	0.4021 mL	2.0104 mL	4.0207 mL
50 mM	0.0804 mL	0.4021 mL	0.8041 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

Sun P, et al. Neurosci Lett. 2014 Nov 7;583:32-6.

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