

Cyclodrine hydrochloride

Chemical Properties

CAS No. : 78853-39-1

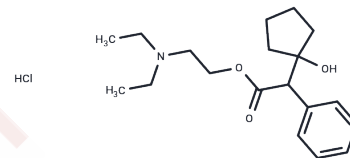
Formula: C₁₉H₃₀ClNO₃

Molecular Weight: 355.9

Store at low temperature

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	Cyclodrine hydrochloride is a dual cholinergic muscarinic receptor (mAChR) and nicotinic receptor (nAChR) antagonist that can be used in the study of neurologically related diseases.
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8098 mL	14.0489 mL	28.0978 mL
5 mM	0.562 mL	2.8098 mL	5.6196 mL
10 mM	0.281 mL	1.4049 mL	2.8098 mL
50 mM	0.0562 mL	0.281 mL	0.562 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

Kuo CL, et al. G-protein coupled receptors: SAR analyses of neurotransmitters and antagonists. J Clin Pharm Ther. 2004 Jun;29(3):279-98.

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