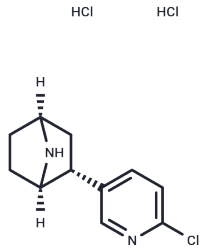
Data Sheet (Cat.No.T25379)

TargetMol

Epibatidine 2HCl

Chemical Properties



CAS No. : 166374-43-2

Formula: C11H15Cl3N2

Molecular Weight: 281.61

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	Epibatidine 2HCl is a potent nicotinic agonist.
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.551 mL	17.7551 mL	35.5101 mL
5 mM	0.7102 mL	3.551 mL	7.102 mL
10 mM	0.3551 mL	1.7755 mL	3.551 mL
50 mM	0.071 mL	0.3551 mL	0.7102 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

Quik M, Sum JD, Whiteaker P, McCallum SE, Marks MJ, Musachio J, McIntosh JM, Collins AC, Grady SR. Differential declines in striatal nicotinic receptor subtype function after nigrostriatal damage in mice. Mol Pharmacol. 2003 May;63(5):1169-79. PubMed PMID: 12695545.

Kulak JM, McIntosh JM, Quik M. Loss of nicotinic receptors in monkey striatum after 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine treatment is due to a decline in alpha-conotoxin MII sites. Mol Pharmacol. 2002 Jan;61(1):230-8. PubMed PMID: 11752225.

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