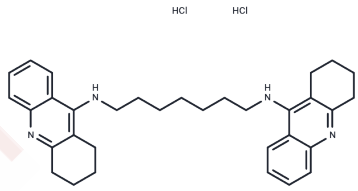
Data Sheet (Cat.No.T22048)

TargetMol

bis(7)-Tacrine

Chemical Properties



CAS No. : 224445-12-9

Formula: C33H42Cl2N4

Molecular Weight: 565.63

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	Bis(7)-tacrine dihydrochloride is a dimeric AChE inhibitor derived from tacrine with potential to treat Alzheimer's disease, prevents glutamate-induced neuronal apoptosis by blocking NMDA receptors, and is a potent GABA A receptor antagonist[1] [2] [3].
Targets(IC50)	Others,GABA Receptor,Cholinesterase (ChE),iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7679 mL	8.8397 mL	17.6794 mL
5 mM	0.3536 mL	1.7679 mL	3.5359 mL
10 mM	0.1768 mL	0.884 mL	1.7679 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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.

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