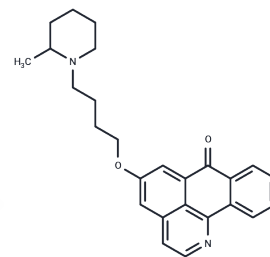


AChE-IN-7

Chemical Properties

CAS No. :	2699090-78-1
Formula:	C ₂₆ H ₂₈ N ₂ O ₂
Molecular Weight:	400.51
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	AChE-IN-7 (Compound 16) is a selective and effective acetylcholinesterase inhibitor with an IC ₅₀ of 0.045 μM for eeAChE and 19.68 μM for eeBuChE. It has high blood-brain barrier permeability, is safe in vivo and in vitro, and demonstrates good pharmacokinetics and high bioavailability (F=55.5%).
Targets(IC ₅₀)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4968 mL	12.4841 mL	24.9682 mL
5 mM	0.4994 mL	2.4968 mL	4.9936 mL
10 mM	0.2497 mL	1.2484 mL	2.4968 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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