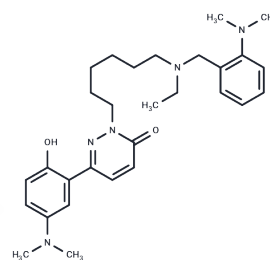


AChE-IN-6

Chemical Properties

CAS No. :	2758788-95-1
Formula:	C ₂₉ H ₄₁ N ₅ O ₂
Molecular Weight:	491.67
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	AChE-IN-6 is an optimal multifunctional ligand that significantly inhibits AChE activity with IC ₅₀ values of 0.20 μM and 37.02 nM for EeAChE and HuAChE, respectively, and has anti-Aβ activity (IC ₅₀ = 1.92 μM for self-induced Aβ1-42 aggregation, IC ₅₀ = 1.80 μM for disaggregation of Aβ1-42 pro AChE-IN-6 has shown research potential in Alzheimer's disease.
Targets(IC ₅₀)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0339 mL	10.1694 mL	20.3388 mL
5 mM	0.4068 mL	2.0339 mL	4.0678 mL
10 mM	0.2034 mL	1.0169 mL	2.0339 mL
50 mM	0.0407 mL	0.2034 mL	0.4068 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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