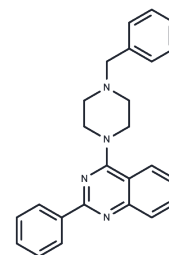


AChE/A β -IN-5

Chemical Properties

CAS No. :	181114-32-9
Formula:	C ₂₅ H ₂₄ N ₄
Molecular Weight:	380.48
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	Compound AV-2, also known as AChE/A β -IN-5, is a bifunctional inhibitor that acts on AChE and auto-induced A β (Amyloid- β) aggregation. This compound has demonstrated significant efficacy in mitigating cognitive impairment in mice induced by scopolamine and A β [1].
Targets(IC50)	Beta Amyloid,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6283 mL	13.1413 mL	26.2826 mL
5 mM	0.5257 mL	2.6283 mL	5.2565 mL
10 mM	0.2628 mL	1.3141 mL	2.6283 mL
50 mM	0.0526 mL	0.2628 mL	0.5257 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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