

AChE-IN-39

Chemical Properties

CAS No. :

Formula: C19H15NO3

Molecular Weight: 305.33

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-39 (Compound 7c), with an IC50 value of 0.058 μ M, is an acetylcholinesterase (AChE) inhibitor known for its DPPH scavenging activity and potential to ameliorate cognitive impairments in an aluminum chloride (AlCl ₃)-induced amnesia animal model, suggesting its usefulness in Alzheimer's disease research [1].
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2751 mL	16.3757 mL	32.7514 mL
5 mM	0.655 mL	3.2751 mL	6.5503 mL
10 mM	0.3275 mL	1.6376 mL	3.2751 mL
50 mM	0.0655 mL	0.3275 mL	0.655 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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