

AChE/CA I-IN-1

Chemical Properties

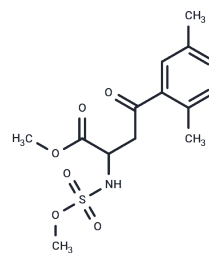
CAS No. :

Formula: C₁₄H₁₉N₂O₆S

Molecular Weight: 329.37

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/CA I-IN-1 (Compound 2g) acts as an inhibitor for both AChE and hCA I, with Ki values of 1.85 μ M and 0.53 μ M, respectively. It has shown potential applications in the research of Alzheimer's disease, glaucoma, and epilepsy.
Targets(IC50)	Carbonic Anhydrase, Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0361 mL	15.1805 mL	30.361 mL
5 mM	0.6072 mL	3.0361 mL	6.0722 mL
10 mM	0.3036 mL	1.518 mL	3.0361 mL
50 mM	0.0607 mL	0.3036 mL	0.6072 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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