

AChE-IN-25

Chemical Properties

CAS No. :

Formula: C₂₀H₁₅ClN₄O₄S

Molecular Weight: 442.88

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-25 is a selective, potent, non-competitive inhibitor of acetylcholinesterase (AChE) with an IC ₅₀ value of 2.95 µM. AChE-IN-25 can be used to study Alzheimer's disease.
Targets(IC ₅₀)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2579 mL	11.2897 mL	22.5795 mL
5 mM	0.4516 mL	2.2579 mL	4.5159 mL
10 mM	0.2258 mL	1.129 mL	2.2579 mL
50 mM	0.0452 mL	0.2258 mL	0.4516 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481