

BChE-IN-6

Chemical Properties

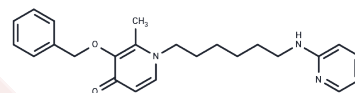
CAS No. : 2421121-10-8

Formula: C₂₄H₂₉N₃O₂

Molecular Weight: 391.51

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	BChE-IN-6 (compound 12) is a highly effective inhibitor of BChE with a K_i value of 0.182 μ M, and it exhibits significant chelating abilities towards Zn ²⁺ . These characteristics make BChE-IN-6 a valuable tool for researchers in the field of Alzheimer's disease (AD) [1].
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5542 mL	12.7711 mL	25.5421 mL
5 mM	0.5108 mL	2.5542 mL	5.1084 mL
10 mM	0.2554 mL	1.2771 mL	2.5542 mL
50 mM	0.0511 mL	0.2554 mL	0.5108 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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