

AChE/BChE-IN-1

Chemical Properties

CAS No. :

Formula: C₃₂H₃₅ClN₆O₃

Molecular Weight: 587.11

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/BChE-IN-1 is a potent dual inhibitor of acetylcholinesterase and butyrylcholinesterase with blood-brain barrier permeability, exhibiting IC ₅₀ values of 1.06 nM for hAChE and 7.3 nM for hBChE, and showing antioxidant effects. AChE/BChE-IN-1 can be used in Alzheimer's disease research.
Targets(IC ₅₀)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7033 mL	8.5163 mL	17.0326 mL
5 mM	0.3407 mL	1.7033 mL	3.4065 mL
10 mM	0.1703 mL	0.8516 mL	1.7033 mL
50 mM	0.0341 mL	0.1703 mL	0.3407 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481