

AChE/MAO-IN-1

Chemical Properties

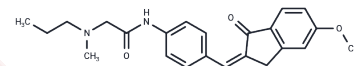
CAS No. :

Formula: C₂₃H₂₆N₂O₃

Molecular Weight: 378.46

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/MAO-IN-1 is a potent inhibitor of human acetylcholinesterase (AChE), monoamine oxidase A (MAO-A), and monoamine oxidase B (MAO-B), demonstrating inhibitory concentrations (IC ₅₀) of 0.0248 μM, 0.0409 μM, and 0.1108 μM against AChE, MAO-A, and MAO-B, respectively.
Targets(IC ₅₀)	Beta Amyloid,Others,Cholinesterase (ChE),Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6423 mL	13.2114 mL	26.4229 mL
5 mM	0.5285 mL	2.6423 mL	5.2846 mL
10 mM	0.2642 mL	1.3211 mL	2.6423 mL
50 mM	0.0528 mL	0.2642 mL	0.5285 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

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