

ChE/A $\beta$ 1-42-IN-1

## Chemical Properties

CAS No. :

Formula: C19H24N2O3

Molecular Weight: 328.41

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	ChE/A $\beta$ 1-42-IN-1 (compound 28) is a potent aggregation inhibitor of ChE and A $\beta$ 1-42 with excellent BBB permeability, exhibiting IC50 values of 0.062 $\mu$ M for AChE, 0.767 $\mu$ M for BuChE, and 1.227 $\mu$ M for A $\beta$ 1-42 aggregation. ChE/A $\beta$ 1-42-IN-1 is a potent multi-targeted anti-Alzheimer's disease agent [1].
Targets(IC50)	Beta Amyloid,Others,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.045 mL	15.2249 mL	30.4497 mL
5 mM	0.609 mL	3.045 mL	6.0899 mL
10 mM	0.3045 mL	1.5225 mL	3.045 mL
50 mM	0.0609 mL	0.3045 mL	0.609 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.

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