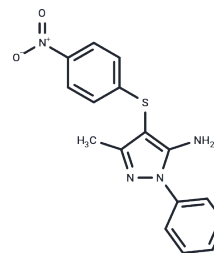


A β 1-42 aggregation inhibitor 3

Chemical Properties

CAS No. : 32527-84-7
 Formula: C₁₆H₁₄N₄O₂S
 Molecular Weight: 326.37
 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	A β 1-42 aggregation inhibitor 3 (Compound 3b) is an inhibitor of acetylcholinesterase (AChE) and butyrylcholinesterase (BuChE), with IC ₅₀ values of 1.634 μ M and 0.0285 μ M, respectively. It effectively prevents the aggregation of A β 1-42 and is applicable for Alzheimer's disease (AD) research.
Targets(IC ₅₀)	Beta Amyloid,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.064 mL	15.320 mL	30.6401 mL
5 mM	0.6128 mL	3.064 mL	6.128 mL
10 mM	0.3064 mL	1.532 mL	3.064 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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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