

D-687

Chemical Properties

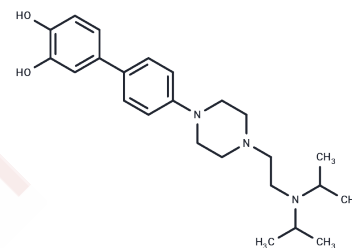
CAS No. : 2276762-06-0

Formula: C₂₄H₃₅N₃O₂

Molecular Weight: 397.55

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	D-687 is an inhibitor of Tau and A β . It effectively reverses the cytotoxicity induced by A β 1-42 in SH-SY5Y cells, demonstrating significant neuroprotective properties.
Targets(IC50)	Beta Amyloid, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5154 mL	12.577 mL	25.1541 mL
5 mM	0.5031 mL	2.5154 mL	5.0308 mL
10 mM	0.2515 mL	1.2577 mL	2.5154 mL
50 mM	0.0503 mL	0.2515 mL	0.5031 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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