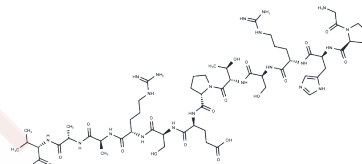


Presenilin 1 (349-361)

Chemical Properties

CAS No. :	956004-39-0
Formula:	C56H93N21O19
Molecular Weight:	1364.47
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Presenilin 1 (349-361), an active peptide, is phosphorylated by glycogen synthase kinase-3 β (GSK3 β) in vitro when represented by its amino acid sequence 349-361. It is utilized for research into multiple diseases [1].
Targets(IC50)	GSK-3
In vitro	Presenilin 1 (349-361) diminishes its interaction with beta-catenin, thereby curtailing phosphorylation and ubiquitination of the latter. This facilitates beta-catenin's nuclear signaling and enhances transcription of downstream genes, such as c-MYC [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7329 mL	3.6644 mL	7.3289 mL
5 mM	0.1466 mL	0.7329 mL	1.4658 mL
10 mM	0.0733 mL	0.3664 mL	0.7329 mL
50 mM	0.0147 mL	0.0733 mL	0.1466 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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