

(Gly22)-Amyloid β -Protein (1-42)

Chemical Properties

CAS No. :	1802086-23-2
Formula:	C200H307N55O58S
Molecular Weight:	4441.98
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	(Gly22)-Amyloid β -Protein (1-42), a peptide fragment of Amyloid β -Protein ($A\beta$), plays a crucial role in Alzheimer's disease by forming the main component of vascular and parenchymal amyloid deposits. The Glu22 to Gly22 mutation in $A\beta$ is known to enhance aggregation [1] [2].
Targets(IC50)	Beta Amyloid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2251 mL	1.1256 mL	2.2512 mL
5 mM	0.045 mL	0.2251 mL	0.4502 mL
10 mM	0.0225 mL	0.1126 mL	0.2251 mL
50 mM	0.0045 mL	0.0225 mL	0.045 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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