

β -Amyloid (1-43)(human)

Chemical Properties

CAS No. :	134500-80-4
Formula:	C207H318N56O62S
Molecular Weight:	4615.21
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>

DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVAT

Biological Description

Description	The amyloid β -protein is a 39- to 43-amino acid polypeptide that is the primary constituent of senile plaques and cerebrovascular deposits in Alzheimer's disease and Down's syndrome. Additionally it acts as an inhibitor of the ubiquitin-dependent protein degradation in vitro.
Targets(IC50)	Beta Amyloid

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2167 mL	1.0834 mL	2.1667 mL
5 mM	0.0433 mL	0.2167 mL	0.4333 mL
10 mM	0.0217 mL	0.1083 mL	0.2167 mL
50 mM	0.0043 mL	0.0217 mL	0.0433 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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