

β -Amyloid (1-40) (rat)

Chemical Properties

CAS No. : 144409-98-3

Formula: C190H291N51O57S

Molecular Weight: 4233.76

DAEFGHDSGFVVRHQKLVFFAEDVGSNKGAIIGLMVGGVV

Storage: Keep away from moisture

Powder: -20°C for 3 years

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Rat form of the beta-Amyloid (1-40) peptide
Targets(IC50)	Apoptosis,Beta Amyloid

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2362 mL	1.181 mL	2.362 mL
5 mM	0.0472 mL	0.2362 mL	0.4724 mL
10 mM	0.0236 mL	0.1181 mL	0.2362 mL
50 mM	0.0047 mL	0.0236 mL	0.0472 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.

Reference

Shi X, et al. Rat hippocampal proteomic alterations following intrahippocampal injection of amyloid betapeptide (1-40). *Neurosci Lett.* 2011 Aug 15;500(2):87-91.

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