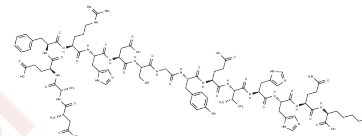


β -Amyloid (1-16)

Chemical Properties

CAS No. :	131580-10-4
Formula:	C84H119N27O28
Molecular Weight:	1955.04
Storage:	Keep away from moisture Powder: -20°C for 3 years <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	β -Amyloid (1-16) is an amyloidogenic protein fragment derived from the β -amyloid sequence, known for its ability to bind metal ions, indicating its role in metal-binding processes. β -Amyloid, a peptide, is responsible for forming amyloid plaques in the brains of people with Alzheimer's disease (AD).
Targets(IC50)	Beta Amyloid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5115 mL	2.5575 mL	5.115 mL
5 mM	0.1023 mL	0.5115 mL	1.023 mL
10 mM	0.0511 mL	0.2557 mL	0.5115 mL
50 mM	0.0102 mL	0.0511 mL	0.1023 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

Kowalik-Jankowska T, et al. Coordination abilities of the 1-16 and 1-28 fragments of beta-amyloid peptide towards copper(II) ions: a combined potentiometric and spectroscopic study. J Inorg Biochem. 2003 Jul 1;95(4): 270-82.

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