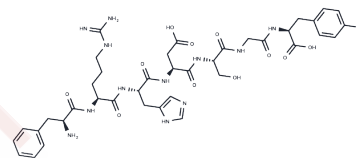


β -Amyloid (4-10)

Chemical Properties

CAS No. :	477284-32-5
Formula:	C39H52N12O12
Molecular Weight:	880.9
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	Antibodies corresponding to beta-amyloid (4-10) are effective in vivo inhibitors of cytotoxicity, amyloid plaque formation and special memory disturbances in mice. This peptide does not elicit an inflammatory response.
Targets(IC50)	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	1.1352 mL	5.676 mL	11.352 mL
5 mM	0.227 mL	1.1352 mL	2.2704 mL
10 mM	0.1135 mL	0.5676 mL	1.1352 mL
50 mM	0.0227 mL	0.1135 mL	0.227 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

tefănescu R1, et al. Molecular characterization of the β -amyloid(4-10) epitope of plaque specific A β antibodies by affinity-mass spectrometry using alanine site mutation. J Pept Sci. 2018 Jan;24(1).

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