

β-Amyloid (12-28)

Chemical Properties

CAS No. :	107015-83-8	
Formula:	C89H135N25O25	
Molecular Weight:	1955.18	VHHQKLVFFAEDVGSNK
Appearance:	no data available	
Storage:	keep away from moisture	
	Powder: -20°C for 3 years In solvent: -80°C for 1 year	

Biological Description

Description	Amyloid β-peptide fragment; minimum section required to bind to brain proteins. Binds with high affinity to α7-nicotinic ACh receptors, and impairs memory retention following central administration in mice in vivo.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5115 mL	2.5573 mL	5.1146 mL
5 mM	0.1023 mL	0.5115 mL	1.0229 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.

Reference

Rabanal F, et al. Structural, kinetic and cytotoxicity aspects of 12-28 beta-amyloid protein fragment: a reappraisal. J Pept Sci. 2002 Oct;8(10):578-88.

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