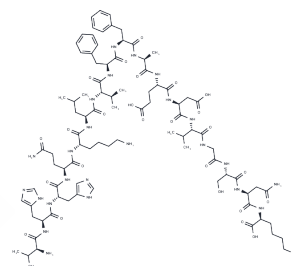


β -Amyloid (12-28)

Chemical Properties

CAS No. :	107015-83-8
Formula:	C89H135N25O25
Molecular Weight:	1955.18
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	Amyloid β -peptide fragment; minimum section required to bind to brain proteins. Binds with high affinity to $\alpha 7$ -nicotinic ACh receptors, and impairs memory retention following central administration in mice in vivo.
Targets(IC50)	Beta Amyloid

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.

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

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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481