

$\beta$ -Amyloid (1-34)

## Chemical Properties

CAS No. : 186359-65-9

Formula: C170H253N47O52

Molecular Weight: 3787.2

DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGL

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	This is a fragment of beta-amyloid peptide. It has amino acids 1 through 34.
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	0.264 mL	1.3202 mL	2.6405 mL
5 mM	0.0528 mL	0.264 mL	0.5281 mL
10 mM	0.0264 mL	0.132 mL	0.264 mL
50 mM	0.0053 mL	0.0264 mL	0.0528 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

Fluhrer R, et al. Identification of a beta-secretase activity, which truncates amyloid beta-peptide after its presenilin-dependent generation. J Biol Chem. 2003 Feb 21;278(8):5531-8.

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