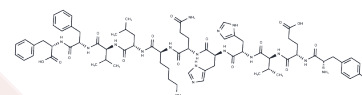


$\beta$ -Amyloid (10-20)

## Chemical Properties

CAS No. :	152286-31-2
Formula:	C71H99N17O16
Molecular Weight:	1446.65
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 $\beta$ -Protein (10-20) is a fragment of Amyloid- $\beta$ peptide, maybe used in the research of neurological disease. Amyloid $\beta$ protein fragment containing the $\alpha$ -secretase processing site (Lys16-Leu17 bond). It also contains the HHQK domain (residues 13-16) responsible for binding to microglial cells.
Targets(IC50)	Beta Amyloid

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6913 mL	3.4563 mL	6.9125 mL
5 mM	0.1383 mL	0.6913 mL	1.3825 mL
10 mM	0.0691 mL	0.3456 mL	0.6913 mL
50 mM	0.0138 mL	0.0691 mL	0.1383 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

Peró-Gascón R, et al. Determination of acidity constants and prediction of electrophoretic separation of amyloid beta peptides. J Chromatogr A. 2017 Jul 28;1508:148-157.

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