

Amyloid  $\beta$ -Protein 10-20 acetate

## Chemical Properties

CAS No. :

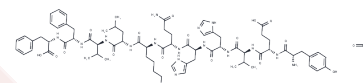
Formula: C73H103N17O18

Molecular Weight: 1506.65

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	Amyloid $\beta$ -Protein 10-20 acetate (Amyloid $\beta$ -Protein 10-20 acetate (152286-31-2 free base)) 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
In vitro	Amyloid $\beta$ -Protein (10-20) is a fragment of Amyloid- $\beta$ peptide[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6637 mL	3.3186 mL	6.6372 mL
5 mM	0.1327 mL	0.6637 mL	1.3274 mL
10 mM	0.0664 mL	0.3319 mL	0.6637 mL
50 mM	0.0133 mL	0.0664 mL	0.1327 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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