

(Glu20)-Amyloid β -Protein (1-42)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1802086-22-1 |
| Formula: | C199H309N55O62S |
| Molecular Weight: | 4495.98 |
| 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 | (Glu20)-Amyloid β -Protein (1-42) represents a variant of amyloid β -protein ($A\beta$) that fibrillizes more slowly due to the Glu20 mutation, which diminishes $A\beta$ 42's tendency to aggregate and inhibits the accumulation of this slowly fibrillizing peptide. Amyloid β -protein is the principal constituent of amyloid deposits in the vascular system and brain parenchyma in Alzheimer's disease [1] [2]. |
| Targets(IC50) | Beta Amyloid |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2224 mL | 1.1121 mL | 2.2242 mL |
| 5 mM | 0.0445 mL | 0.2224 mL | 0.4448 mL |
| 10 mM | 0.0222 mL | 0.1112 mL | 0.2224 mL |
| 50 mM | 0.0044 mL | 0.0222 mL | 0.0445 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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