

β -amyloid (12-28) (TFA) (107015-83-8 free base)

Chemical Properties

CAS No. :

Formula: C91H136N25F3O27

Molecular Weight: 2069.2

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 | β -amyloid (12-28) TFA, a peptide fragment of β -amyloid protein (β 1-42), is the major component of senile plaque cores. β -amyloid (12-28) has aggregation properties and the potential for Alzheimer's disease research. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.4833 mL | 2.4164 mL | 4.8328 mL |
| 5 mM | 0.0967 mL | 0.4833 mL | 0.9666 mL |
| 10 mM | 0.0483 mL | 0.2416 mL | 0.4833 mL |
| 50 mM | 0.0097 mL | 0.0483 mL | 0.0967 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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