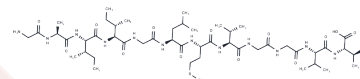


β -Amyloid (29-40)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 184865-04-1 |
| Formula: | C49H88N12O13S |
| Molecular Weight: | 1085.36 |
| 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 | β -Amyloid (29-40) is a fragment of Amyloid- β peptide. Alzheimer's beta amyloid peptide (29-40/42) C-terminal fragments exhibit physical and chemical properties similar to fusion peptides of viral proteins, inducing liposome fusion in vitro. |
| Targets(IC50) | Beta Amyloid |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9214 mL | 4.6068 mL | 9.2135 mL |
| 5 mM | 0.1843 mL | 0.9214 mL | 1.8427 mL |
| 10 mM | 0.0921 mL | 0.4607 mL | 0.9214 mL |
| 50 mM | 0.0184 mL | 0.0921 mL | 0.1843 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

Harioudh MK, et al. A short non-cytotoxic antimicrobial peptide designed from A β 29-40 adopts a nanostructure and shows in vivo anti-endotoxin activity. Chem Commun (Camb). 2017 Dec 5;53(97):13079-13082.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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