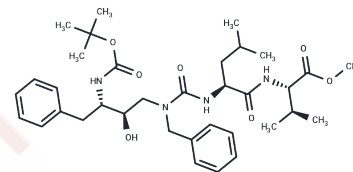


III-31-C

Chemical Properties

CAS No. : 398515-96-3
 Formula: C₃₅H₅₂N₄O₇
 Molecular Weight: 640.81
 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 | III-31-C is a (hydroxyethyl)urea γ -secretase inhibitor. It reduces the production of A β , with an IC ₅₀ of 10 nM in cell-free γ -secretase assays and 200 nM in APP-transfected cells. III-31-C is applicable for Alzheimer's disease research. |
| Targets(IC ₅₀) | Gamma-secretase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.5605 mL | 7.8026 mL | 15.6052 mL |
| 5 mM | 0.3121 mL | 1.5605 mL | 3.121 mL |
| 10 mM | 0.1561 mL | 0.7803 mL | 1.5605 mL |
| 50 mM | 0.0312 mL | 0.1561 mL | 0.3121 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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