

HPA-IN-1

Chemical Properties

CAS No. :

Formula: C33H32N4O11

Molecular Weight: 660.63

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 | HPA-IN-1 (Compound 1) is a potent and selective inhibitor of human pancreatic α -amylase (HPA), with IC50 values of 12.0 μ M for HPA and 410.4 μ M for α -glucosidase [1]. |
| Targets(IC50) | Others,Glucosidase,Amylase,glycosidase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.5137 mL | 7.5685 mL | 15.1371 mL |
| 5 mM | 0.3027 mL | 1.5137 mL | 3.0274 mL |
| 10 mM | 0.1514 mL | 0.7569 mL | 1.5137 mL |
| 50 mM | 0.0303 mL | 0.1514 mL | 0.3027 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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