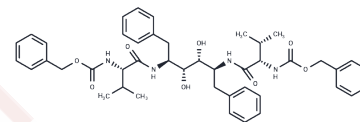


A 75925

Chemical Properties

CAS No. : 129467-48-7
 Formula: C₄₄H₅₄N₄O₈
 Molecular Weight: 766.92
 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 | A 75925, a nonnucleoside reverse transcriptase inhibitors (NNRTI), works to inhibit HIV-1 replication. |
| Targets(IC50) | Others,HIV Protease |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3039 mL | 6.5196 mL | 13.0392 mL |
| 5 mM | 0.2608 mL | 1.3039 mL | 2.6078 mL |
| 10 mM | 0.1304 mL | 0.652 mL | 1.3039 mL |
| 50 mM | 0.0261 mL | 0.1304 mL | 0.2608 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

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- Kempf DJ, Marsh KC, Paul DA, Knigge MF, Norbeck DW, Kohlbrenner WE, Codacovi L, Vasavanonda S, Bryant P, Wang XC, et al. Antiviral and pharmacokinetic properties of C2 symmetric inhibitors of the human immunodeficiency virus type 1 protease. *Antimicrob Agents Chemother.* 1991 Nov;35(11):2209-14. PubMed PMID: 1803993; PubMed Central PMCID: PMC245361.
- Nillroth U, Vrang L, Markgren PO, Hultén J, Hallberg A, Danielson UH. Human immunodeficiency virus type 1 proteinase resistance to symmetric cyclic urea inhibitor analogs. *Antimicrob Agents Chemother.* 1997 Nov;41(11):2383-8. PubMed PMID: 9371337; PubMed Central PMCID: PMC164132.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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