

Rpi 856 C

Chemical Properties

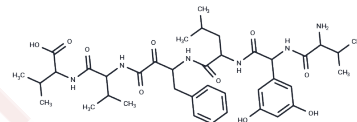
CAS No. : 157381-55-0

Formula: C₃₉H₅₆N₆O₁₀

Molecular Weight: 768.90

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

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| Description | Rpi 856 C is a retrovirus protease inhibitor from Streptomyces that is effective against HIV-1 and HTLV-1 proteases. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3006 mL | 6.5028 mL | 13.0056 mL |
| 5 mM | 0.2601 mL | 1.3006 mL | 2.6011 mL |
| 10 mM | 0.1301 mL | 0.6503 mL | 1.3006 mL |
| 50 mM | 0.026 mL | 0.1301 mL | 0.2601 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

Asano T, Matsuoka K, Hida T, Kobayashi M, Kitamura Y, Hayakawa T, Iinuma S, Kakinuma A, Kato K. Novel retrovirus protease inhibitors, RPI-856 A, B, C and D, produced by Streptomyces sp. AL-322. J Antibiot (Tokyo). 1994 May;47(5):557-65. PubMed PMID: 8040053.

Kitazaki T, Asano T, Kato K, Kishimoto S, Itoh K. Synthesis and human immunodeficiency virus (HIV)-1 protease inhibitory activity of tripeptide analogues containing a dioxoethylene moiety. Chem Pharm Bull (Tokyo). 1994 Dec; 42(12):2636-40. PubMed PMID: 7697778.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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