

L 685434

Chemical Properties

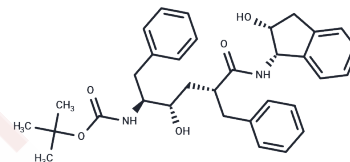
CAS No. : 126456-36-8

Formula: C₃₃H₄₀N₂O₅

Molecular Weight: 544.692

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	L 685434 is a pseudopeptide that can against HIV protease.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8359 mL	9.1795 mL	18.3591 mL
5 mM	0.3672 mL	1.8359 mL	3.6718 mL
10 mM	0.1836 mL	0.918 mL	1.8359 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 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

Smith AB 3rd, Hirschmann R, Pasternak A, Yao W, Sprengeler PA, Holloway MK, Kuo LC, Chen Z, Darke PL, Schleif WA. An orally bioavailable pyrrolinone inhibitor of HIV-1 protease: computational analysis and X-ray crystal structure of the enzyme complex. J Med Chem. 1997 Aug 1;40(16):2440-4. PubMed PMID: 9258349.

Young SD, Payne LS, Thompson WJ, Gaffin N, Lyle TA, Britcher SF, Graham SL, Schultz TH, Deana AA, Darke PL, et al. HIV-1 protease inhibitors based on hydroxyethylene dipeptide isosteres: an investigation into the role of the P1' side chain on structure-activity. J Med Chem. 1992 May 15;35(10):1702-9. PubMed PMID: 1588552.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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