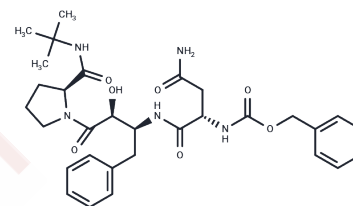


Kni 102

Chemical Properties

CAS No. : 139694-65-8
 Formula: C₃₁H₄₁N₅O₇
 Molecular Weight: 595.69
 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	Kni 102 is a biochemical.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6787 mL	8.3936 mL	16.7873 mL
5 mM	0.3357 mL	1.6787 mL	3.3575 mL
10 mM	0.1679 mL	0.8394 mL	1.6787 mL
50 mM	0.0336 mL	0.1679 mL	0.3357 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

- Asagarasu A, Takayanagi N, Achiwa K. Synthesis of dipeptide-type human immunodeficiency virus (HIV) protease inhibitors with a binding unit to gp120. *Chem Pharm Bull (Tokyo)*. 1998 May;46(5):867-70. PubMed PMID: 9621421.
- Asagarasu A, Uchiyama T, Achiwa K. Syntheses of HIV-protease inhibitors having a peptide moiety which binds to GP120. *Chem Pharm Bull (Tokyo)*. 1998 Apr;46(4):697-703. PubMed PMID: 9579045.
- Marastoni M, Fantin G, Bortolotti F, Tomatis R. Synthesis and activity of pseudotripeptide inhibitors of HIV-1 protease containing D(-)-O-(benzyl)tartaric acid. *Arzneimittelforschung*. 1996 Nov;46(11):1099-101. PubMed PMID: 8955873.
- el-Farrash MA, Kuroda MJ, Kitazaki T, Masuda T, Kato K, Hatanaka M, Harada S. Generation and characterization of a human immunodeficiency virus type 1 (HIV-1) mutant resistant to an HIV-1 protease inhibitor. *J Virol*. 1994 Jan;68(1):233-9. PubMed PMID: 8254733; PubMed Central PMCID: PMC236282.

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