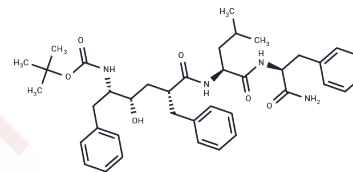


L 682679

## Chemical Properties

CAS No. : 126409-24-3  
 Formula: C<sub>39</sub>H<sub>52</sub>N<sub>4</sub>O<sub>6</sub>  
 Molecular Weight: 672.85  
 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 682679 is an inhibitor of HIV protease.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4862 mL	7.4311 mL	14.8622 mL
5 mM	0.2972 mL	1.4862 mL	2.9724 mL
10 mM	0.1486 mL	0.7431 mL	1.4862 mL
50 mM	0.0297 mL	0.1486 mL	0.2972 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

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.  
 deSolms SJ, Giuliani EA, Guare JP, Vacca JP, Sanders WM, Graham SL, Wiggins JM, Darke PL, Sigal IS, Zugay JA, et al. Design and synthesis of HIV protease inhibitors. Variations of the carboxy terminus of the HIV protease inhibitor L-682,679. *J Med Chem.* 1991 Sep;34(9):2852-7. PubMed PMID: 1910089.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481