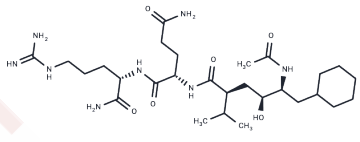
# Data Sheet (Cat.No.T24913)

TargetMol

## U 89360E

### Chemical Properties



CAS No. : 161897-65-0

Formula: C28H52N8O6

Molecular Weight: 596.76

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 | U 89360E is a peptidic inhibitor. |
| Targets(IC50) | Others,HIV Protease |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.6757 mL | 8.3786 mL | 16.7572 mL |
| 5 mM | 0.3351 mL | 1.6757 mL | 3.3514 mL |
| 10 mM | 0.1676 mL | 0.8379 mL | 1.6757 mL |
| 50 mM | 0.0335 mL | 0.1676 mL | 0.3351 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


Hong L, Hartsuck JA, Foundling S, Ermolieff J, Tang J. Active-site mobility in human immunodeficiency virus, type 1, protease as demonstrated by crystal structure of A28S mutant. Protein Sci. 1998 Feb;7(2):300-5. PubMed PMID: 9521105; PubMed Central PMCID: PMC2143907.

Hong L, Zhang XJ, Foundling S, Hartsuck JA, Tang J. Structure of a G48H mutant of HIV-1 protease explains how glycine-48 replacements produce mutants resistant to inhibitor drugs. FEBS Lett. 1997 Dec 22;420(1):11-6. PubMed PMID: 9450540.

Hong L, Treharne A, Hartsuck JA, Foundling S, Tang J. Crystal structures of complexes of a peptidic inhibitor with wild-type and two mutant HIV-1 proteases. Biochemistry. 1996 Aug 20;35(33):10627-33. PubMed PMID: 8718851.

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