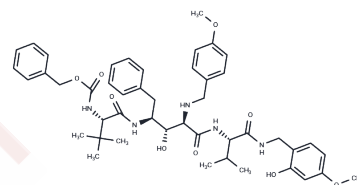


SDZ 283-910

Chemical Properties

CAS No. : 164514-54-9
 Formula: C₄₆H₅₉N₅O₉
 Molecular Weight: 826.004
 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	SDZ 283-910 is used as a statine-derived inhibitor.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2107 mL	6.0533 mL	12.1065 mL
5 mM	0.2421 mL	1.2107 mL	2.4213 mL
10 mM	0.1211 mL	0.6053 mL	1.2107 mL
50 mM	0.0242 mL	0.1211 mL	0.2421 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

Ringhofer S, Kallen J, Dutzler R, Billich A, Visser AJ, Scholz D, Steinhauser O, Schreiber H, Auer M, Kungl AJ. X-ray structure and conformational dynamics of the HIV-1 protease in complex with the inhibitor SDZ283-910: agreement of time-resolved spectroscopy and molecular dynamics simulations. J Mol Biol. 1999 Mar 5;286(4): 1147-59. PubMed PMID: 10047488.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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