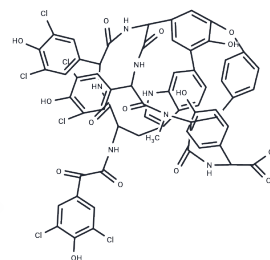


Complestatin

Chemical Properties

CAS No. :	69598-75-0
Formula:	C ₆₁ H ₄₅ Cl ₆ N ₇ O ₁₅
Molecular Weight:	1328.77
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	Complestatin is a compound extracted from <i>Streptomyces lavendulae</i> mycelia; on acid hydrolysis yields D-4-hydroxyphenylglycine & D-3,5-dichloro-4-hydroxyphenylglycine & acidic chromophore; inhibits gp120-CD4 binding. It is isolated from the culture broth of <i>Streptomyces</i> and has anti-HIV-1 activity. It has a role as a metabolite, an antimicrobial agent and an anti-HIV-1 agent.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7526 mL	3.7629 mL	7.5258 mL
5 mM	0.1505 mL	0.7526 mL	1.5052 mL
10 mM	0.0753 mL	0.3763 mL	0.7526 mL
50 mM	0.0151 mL	0.0753 mL	0.1505 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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