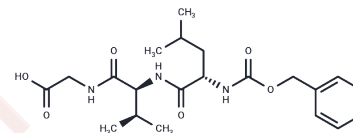


Z-LVG

Chemical Properties

CAS No. :	119670-31-4
Formula:	C ₂₁ H ₃₁ N ₃ O ₆
Molecular Weight:	421.49
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	Z-LVG, an irreversible cysteine protease inhibitor and a tripeptide derivative of cystatin C, serves as an inhibitor of viral replication and is utilized in research on viral diseases [1].
Targets(IC50)	Others,Cysteine Protease
In vitro	Z-LVG at a concentration of 0.4mM with an incubation time of 48 hours inhibits HSV virus replication in GMK-AH1 cells [1].
In vivo	Z-LVG (0.4mM, 48 hours) inhibits the replication of HSV virus in GMK-AH1 cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3725 mL	11.8627 mL	23.7254 mL
5 mM	0.4745 mL	2.3725 mL	4.7451 mL
10 mM	0.2373 mL	1.1863 mL	2.3725 mL
50 mM	0.0475 mL	0.2373 mL	0.4745 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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