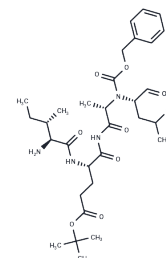


PSI

Chemical Properties

CAS No. : 158442-41-2
Formula: C32H50N4O8
Molecular Weight: 618.76
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PSI is a proteasome inhibitor.
Targets(IC50)	Proteasome

Solubility Information

Solubility	H2O: insoluble DMSO: 30 mg/mL Ethanol: 48 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6161 mL	8.0807 mL	16.1614 mL
5 mM	0.3232 mL	1.6161 mL	3.2323 mL
10 mM	0.1616 mL	0.8081 mL	1.6161 mL
50 mM	0.0323 mL	0.1616 mL	0.3232 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.

Reference

Tanaka K . Molecular biology of proteasomes[J]. Molecular Biology Reports, 1995, 21(9):21-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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