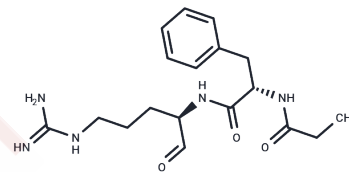


Bacithrocin C

Chemical Properties

CAS No. :	160433-50-1
Formula:	C ₁₈ H ₂₇ N ₅ O ₃
Molecular Weight:	361.439
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	Bacithrocin C is a thrombin inhibitor that suppresses the activity of thrombin, factor Xa, trypsin, and papain, with IC ₅₀ values of 80 μM, 15 μM, 1.3 μM, and 0.02 μM, respectively.
Targets(IC ₅₀)	Factor Xa, Serine Protease, Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7667 mL	13.8336 mL	27.6671 mL
5 mM	0.5533 mL	2.7667 mL	5.5334 mL
10 mM	0.2767 mL	1.3834 mL	2.7667 mL
50 mM	0.0553 mL	0.2767 mL	0.5533 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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