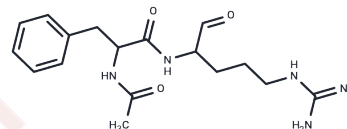


## Bacithrocin D

## Chemical Properties

CAS No. :	96440-64-1
Formula:	C <sub>17</sub> H <sub>25</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	347.412
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 D (Thiolstatin D) inhibits various proteases and has the capability to prolong clotting time. It exhibits IC <sub>50</sub> values of 124, 9, 0.85, and 0.01 μM against thrombin, factor Xa, trypsin, and papain, respectively.
Targets(IC <sub>50</sub> )	Factor Xa,Thrombin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8784 mL	14.3922 mL	28.7844 mL
5 mM	0.5757 mL	2.8784 mL	5.7569 mL
10 mM	0.2878 mL	1.4392 mL	2.8784 mL
50 mM	0.0576 mL	0.2878 mL	0.5757 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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