

C16-K-cBB1

## Chemical Properties

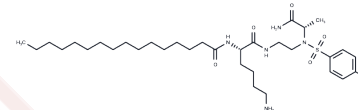
CAS No. :

Formula: C33H58ClN5O5S

Molecular Weight: 672.36

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	C16-K-cBB1 is a potent, selective antimicrobial agent effective against Methicillin-resistant Staphylococcus aureus (MRSA), demonstrated by its minimal inhibitory concentration (MIC) of 1 µg/mL. This compound exhibits excellent selectivity with minimal hemolytic activity, and can eradicate MRSA cells within 120 minutes when applied at a concentration of 12.5 µg/mL.
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4873 mL	7.4365 mL	14.873 mL
5 mM	0.2975 mL	1.4873 mL	2.9746 mL
10 mM	0.1487 mL	0.7436 mL	1.4873 mL
50 mM	0.0297 mL	0.1487 mL	0.2975 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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