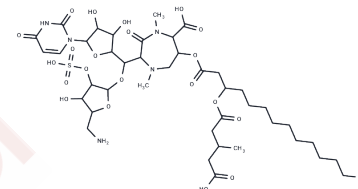


## Liposidomycin C

## Chemical Properties

CAS No. :	99751-54-9
Formula:	C42H67N5O21S
Molecular Weight:	1010.07
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	Liposidomycin C exhibits antibacterial properties, though its activity is relatively weak. It shows significant inhibitory effects on mycobacteria with a minimum inhibitory concentration (MIC) of 0.16 µg/mL. Additionally, Liposidomycin C inhibits glycopeptide biosynthesis, effectively suppressing Escherichia coli glycopeptide biosynthesis with an IC50 of 0.03 µg/mL.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.990 mL	4.9502 mL	9.9003 mL
5 mM	0.198 mL	0.990 mL	1.9801 mL
10 mM	0.099 mL	0.495 mL	0.990 mL
50 mM	0.0198 mL	0.099 mL	0.198 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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