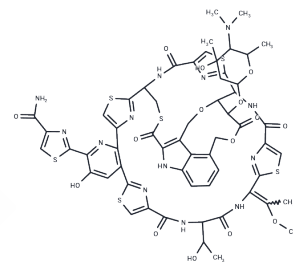


Glycothiohexide  $\alpha$ 

## Chemical Properties

CAS No. :	158446-31-2
Formula:	C58H57N13O15S6
Molecular Weight:	1368.54
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	Glycothiohexide $\alpha$ is a peptide antibiotic with potent activity against Gram-positive bacteria, including methicillin-resistant Staphylococcus aureus (MRSA) and vancomycin-resistant Enterococcus faecium (VREF), exhibiting a minimum inhibitory concentration (MIC) of 0.03-0.06 $\mu\text{g}/\text{mL}$ .
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7307 mL	3.6535 mL	7.3071 mL
5 mM	0.1461 mL	0.7307 mL	1.4614 mL
10 mM	0.0731 mL	0.3654 mL	0.7307 mL
50 mM	0.0146 mL	0.0731 mL	0.1461 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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