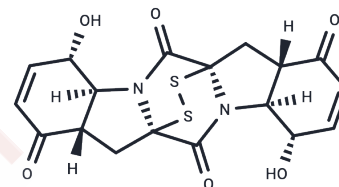


## Epicorazine A

## Chemical Properties

CAS No. : 62256-05-7  
 Formula: C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
 Molecular Weight: 420.459  
 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	Epicorazine A exhibits activity against Gram-positive bacteria, including methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and vancomycin-resistant enterococci (VRE), with a minimum inhibitory concentration (MIC) of 12.5-25 µg/mL. It is also effective against <i>Candida albicans</i> , showing an MIC of 25 µg/mL.
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3783 mL	11.8917 mL	23.7835 mL
5 mM	0.4757 mL	2.3783 mL	4.7567 mL
10 mM	0.2378 mL	1.1892 mL	2.3783 mL
50 mM	0.0476 mL	0.2378 mL	0.4757 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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