

## Kigamicin B

## Chemical Properties

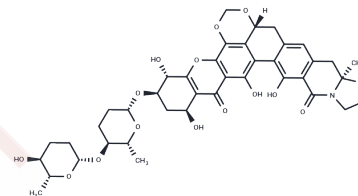
CAS No. : 680571-50-0

Formula: C40H45NO15

Molecular Weight: 779.78

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	Kigamicin B exhibits activity against gram-positive bacteria, including methicillin-resistant Staphylococcus aureus (MRSA), with a minimum inhibitory concentration (MIC) ranging from 0.025 to 0.78 µg/mL.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2824 mL	6.4121 mL	12.8241 mL
5 mM	0.2565 mL	1.2824 mL	2.5648 mL
10 mM	0.1282 mL	0.6412 mL	1.2824 mL
50 mM	0.0256 mL	0.1282 mL	0.2565 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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