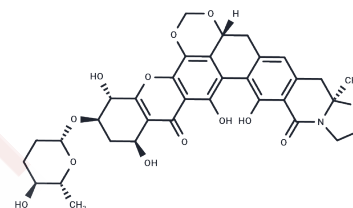


Kigamicin A

Chemical Properties

CAS No. :	680571-49-7
Formula:	C ₃₄ H ₃₅ N ₃ O ₁₃
Molecular Weight:	665.64
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 A exhibits activity against Gram-positive bacteria, including methicillin-resistant <i>Staphylococcus aureus</i> (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	1.5023 mL	7.5116 mL	15.0231 mL
5 mM	0.3005 mL	1.5023 mL	3.0046 mL
10 mM	0.1502 mL	0.7512 mL	1.5023 mL
50 mM	0.030 mL	0.1502 mL	0.3005 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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