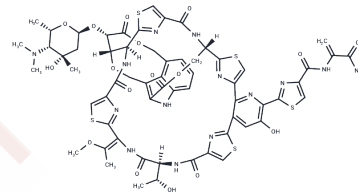


Nocathiacin II

Chemical Properties

CAS No. :	256230-46-3
Formula:	C ₆₁ H ₆₀ N ₁₄ O ₁₇ S ₅
Molecular Weight:	1421.54
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	Nocathiacin II (Nocathiacine II) exhibits significant resistance against Gram-positive bacteria, including methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), penicillin-resistant <i>Streptococcus pneumoniae</i> (PRSP), and multidrug-resistant <i>Enterococcus faecium</i> (MREF).
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7035 mL	3.5173 mL	7.0346 mL
5 mM	0.1407 mL	0.7035 mL	1.4069 mL
10 mM	0.0703 mL	0.3517 mL	0.7035 mL
50 mM	0.0141 mL	0.0703 mL	0.1407 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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