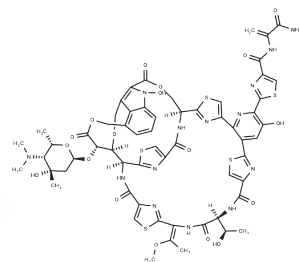


## Nocathiacin I

## Chemical Properties

CAS No. :	214044-52-7
Formula:	C <sub>61</sub> H <sub>60</sub> N <sub>14</sub> O <sub>18</sub> S <sub>5</sub>
Molecular Weight:	1437.54
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 I (Nocathiacine I) exhibits strong resistance against Gram-positive bacteria, including methicillin-resistant Staphylococcus aureus (MRSA), penicillin-resistant Streptococcus pneumoniae (PRSP), and multidrug-resistant Enterococcus faecium (MREF).
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6956 mL	3.4782 mL	6.9563 mL
5 mM	0.1391 mL	0.6956 mL	1.3913 mL
10 mM	0.0696 mL	0.3478 mL	0.6956 mL
50 mM	0.0139 mL	0.0696 mL	0.1391 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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