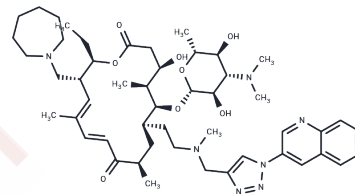


## Antibacterial agent 109

## Chemical Properties

CAS No. :	2649396-65-4
Formula:	C50H75N7O8
Molecular Weight:	902.17
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	Compound C-2 (Antibacterial agent 109) is a potent antibacterial agent effective against both gram-positive and gram-negative bacteria. It is non-mutagenic and functions by inhibiting protein synthesis, specifically by preventing the extension of new peptide chains [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1084 mL	5.5422 mL	11.0844 mL
5 mM	0.2217 mL	1.1084 mL	2.2169 mL
10 mM	0.1108 mL	0.5542 mL	1.1084 mL
50 mM	0.0222 mL	0.1108 mL	0.2217 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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