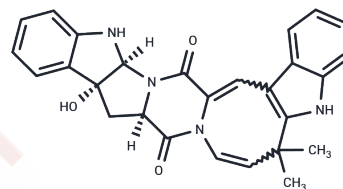


Okaramine I

Chemical Properties

CAS No. :	120717-00-2
Formula:	C ₂₇ H ₂₄ N ₄ O ₃
Molecular Weight:	452.5
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	Okaramine I, an Escherichia coli glycosyltransferase (MurG) inhibitor, can be used as an antibacterial agent and is found in Aspergillus aculeatus [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2099 mL	11.0497 mL	22.0994 mL
5 mM	0.442 mL	2.2099 mL	4.4199 mL
10 mM	0.221 mL	1.105 mL	2.2099 mL
50 mM	0.0442 mL	0.221 mL	0.442 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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