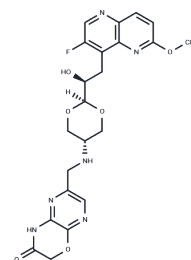


OSUAB-0284

Chemical Properties

CAS No. : 3053515-60-6
 Formula: C₂₂H₂₃FN₆O₆
 Molecular Weight: 486.45
 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	OSUAB-0284 is an inhibitor of bacterial topoisomerase. It exhibits significant activity against staphylococci, particularly methicillin-resistant Staphylococcus aureus (MRSA). The compound exerts its antibacterial effect by inhibiting bacterial topoisomerase and may be used in research on infections caused by drug-resistant bacteria, including MRSA.
Targets(IC50)	Antibacterial, Antibiotic, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0557 mL	10.2785 mL	20.5571 mL
5 mM	0.4111 mL	2.0557 mL	4.1114 mL
10 mM	0.2056 mL	1.0279 mL	2.0557 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 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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