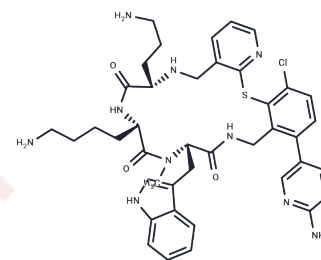


RO7196472

Chemical Properties

CAS No. : 2097285-98-6
 Formula: C₄₁H₄₉ClN₁₀O₃S
 Molecular Weight: 797.41
 Storage: Keep away from moisture
 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	RO7196472 is a potent macrocyclic peptide antibiotic that selectively inhibits the activity of Acinetobacter strains. It targets the lipopolysaccharide (LPS) binding site on the inner membrane's LptB2FG complex, inhibiting lipopolysaccharide transport and thereby suppressing the activity of Acinetobacter strains.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2541 mL	6.2703 mL	12.5406 mL
5 mM	0.2508 mL	1.2541 mL	2.5081 mL
10 mM	0.1254 mL	0.627 mL	1.2541 mL
50 mM	0.0251 mL	0.1254 mL	0.2508 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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