

Armeniaspirol B

Chemical Properties

CAS No. :	1206881-48-2
Formula:	C ₁₈ H ₁₉ Cl ₂ NO ₄
Molecular Weight:	384.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Armeniaspirol B is a selective antibiotic targeting Gram-positive pathogens, with a minimum inhibitory concentration (MIC) of 0.5 µg/mL for <i>S. aureus</i> Newman and 2.0 µg/mL for <i>S. aureus</i> Newman. Armeniaspirol B holds potential for research on infections caused by Gram-positive bacteria, such as MRSA and VRE infections.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6025 mL	13.0124 mL	26.0247 mL
5 mM	0.5205 mL	2.6025 mL	5.2049 mL
10 mM	0.2602 mL	1.3012 mL	2.6025 mL
50 mM	0.052 mL	0.2602 mL	0.5205 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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