

DNA Gyrase-IN-13

Chemical Properties

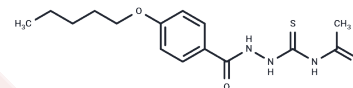
CAS No. : 2247443-72-5

Formula: C₁₅H₂₁N₃O₃S

Molecular Weight: 323.41

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	DNA Gyrase-IN-13 (compound 1b) is an inhibitor of DNA gyrase with bacteriostatic properties. It exhibits an IC ₅₀ of 1.81 μM against Staphylococcus aureus DNA gyrase.
Targets(IC ₅₀)	Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0921 mL	15.4603 mL	30.9205 mL
5 mM	0.6184 mL	3.0921 mL	6.1841 mL
10 mM	0.3092 mL	1.546 mL	3.0921 mL
50 mM	0.0618 mL	0.3092 mL	0.6184 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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