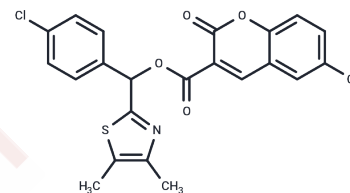


DNA Gyrase-IN-4

Chemical Properties

CAS No. :	2416400-32-1
Formula:	C ₂₂ H ₁₅ Cl ₂ N ₂ O ₄ S
Molecular Weight:	460.33
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-4 (compound 8p) is a potent inhibitor of DNA cycloooxygenase (IC ₅₀ : 0.13 μM) and exhibits significant antimicrobial activity with minimum inhibitory concentrations (MIC) of 0.05 μg/ml against Salmonella and 8 μg/ml against Escherichia coli.
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1724 mL	10.8618 mL	21.7235 mL
5 mM	0.4345 mL	2.1724 mL	4.3447 mL
10 mM	0.2172 mL	1.0862 mL	2.1724 mL
50 mM	0.0434 mL	0.2172 mL	0.4345 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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