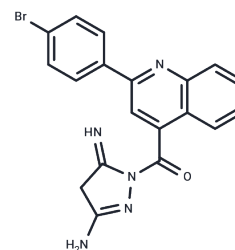


DNA Gyrase-IN-8

Chemical Properties

CAS No. :	2925308-76-3
Formula:	C ₁₉ H ₁₄ BrN ₅ O
Molecular Weight:	408.25
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-8 is a potent DNA gyrase inhibitor, exhibiting antimicrobial activity with an IC ₅₀ of 8.45 μM [1].
Targets(IC ₅₀)	Antibacterial, DNA/RNA Synthesis
In vitro	DNA Gyrase-IN-8 (compound 10) demonstrates antimicrobial activity with MIC values of 191.36 μM against <i>S. aureus</i> (ATCC 6538-P) and <i>C. albicans</i> (ATCC 10231) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4495 mL	12.2474 mL	24.4948 mL
5 mM	0.4899 mL	2.4495 mL	4.899 mL
10 mM	0.2449 mL	1.2247 mL	2.4495 mL
50 mM	0.049 mL	0.2449 mL	0.4899 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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