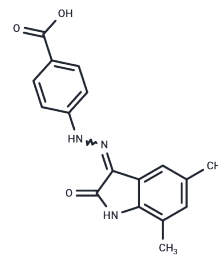


DNA Gyrase-IN-16

Chemical Properties

CAS No. :	756843-31-9
Formula:	C17H15N3O3
Molecular Weight:	309.319
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-16 (Compound 9) is an inhibitor of DNA gyrase, with an IC50 of 1.609 μ M. It exhibits antibacterial properties, effectively inhibiting <i>S. aureus</i> and MRSA, with a MIC of 3.125 μ M for both.
Targets(IC50)	Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2329 mL	16.1645 mL	32.329 mL
5 mM	0.6466 mL	3.2329 mL	6.4658 mL
10 mM	0.3233 mL	1.6164 mL	3.2329 mL
50 mM	0.0647 mL	0.3233 mL	0.6466 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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