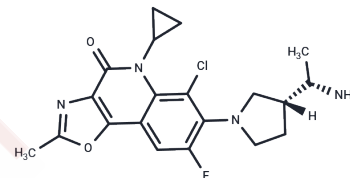


Topoisomerase inhibitor 6

Chemical Properties

CAS No. :	2987726-03-2
Formula:	C ₂₀ H ₂₂ ClFN ₄ O ₂
Molecular Weight:	404.87
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	Topoisomerase inhibitor6 (Compound REDX05931) is a dual irreversible inhibitor of DNA gyrase and topoisomerase IV, with an MIC of 0.06 µg/mL against fluoroquinolone-resistant <i>S. aureus</i> . It halts the DNA strand breaking-rejoining process, causing lethal DNA damage, and holds potential for studying infections caused by Gram-positive bacteria such as <i>S. aureus</i> and <i>S. pneumoniae</i> .
Targets(IC50)	Antibacterial,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4699 mL	12.3496 mL	24.6993 mL
5 mM	0.494 mL	2.4699 mL	4.9399 mL
10 mM	0.247 mL	1.235 mL	2.4699 mL
50 mM	0.0494 mL	0.247 mL	0.494 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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