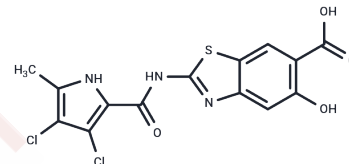


DNA gyrase B-IN-3

Chemical Properties

CAS No. :	2412834-56-9
Formula:	C ₁₄ H ₉ Cl ₂ N ₃ O ₄ S
Molecular Weight:	386.21
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 B-IN-3 (Compound A), with an IC ₅₀ of less than 10 nM, functions as an inhibitor of bacterial DNA gyrase B and demonstrates antibacterial activity against Gram-positive strains [1].
Targets(IC ₅₀)	Antibacterial, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5893 mL	12.9463 mL	25.8926 mL
5 mM	0.5179 mL	2.5893 mL	5.1785 mL
10 mM	0.2589 mL	1.2946 mL	2.5893 mL
50 mM	0.0518 mL	0.2589 mL	0.5179 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481