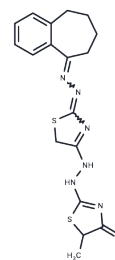


## DNA Gyrase-IN-3

## Chemical Properties

CAS No. :	2522667-08-7
Formula:	C <sub>18</sub> H <sub>20</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	400.52
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-3 (Compound 28) is an inhibitor of bacterial DNA gyrase B with an IC <sub>50</sub> of 5.41-15.64 μM for inhibiting Escherichia coli DNA rotatase. It exhibits both anti-tuberculosis and antibacterial activity.
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4968 mL	12.4838 mL	24.9675 mL
5 mM	0.4994 mL	2.4968 mL	4.9935 mL
10 mM	0.2497 mL	1.2484 mL	2.4968 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481