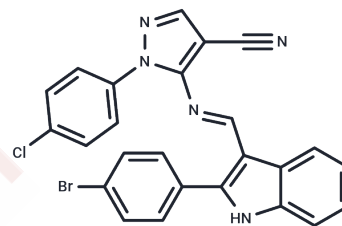


DNA Gyrase-IN-5

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2417016-23-8 |
| Formula: | C ₂₅ H ₁₅ BrClN ₅ |
| Molecular Weight: | 500.78 |
| 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-5 is a potent inhibitor of DNA gyrase (IC ₅₀ : 0.10 μM) and has an antibacterial effect on both wild-type and drug-resistant strains. |
| Targets(IC ₅₀) | Others,Antibacterial,DNA/RNA Synthesis |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9969 mL | 9.9844 mL | 19.9688 mL |
| 5 mM | 0.3994 mL | 1.9969 mL | 3.9938 mL |
| 10 mM | 0.1997 mL | 0.9984 mL | 1.9969 mL |
| 50 mM | 0.0399 mL | 0.1997 mL | 0.3994 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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