

DNA Gyrase-IN-17

Chemical Properties

CAS No. :

Formula: C₁₈H₁₅ClFN₅O

Molecular Weight:

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-17 (Compound 5C) is an inhibitor of DNA gyrase. It demonstrates significant antimicrobial activity against a range of Gram-positive and Gram-negative strains, including Enterococcus faecium, Escherichia coli, and Pseudomonas aeruginosa, with a MIC value of 62.5 µg/mL. By inhibiting bacterial DNA gyrase, DNA Gyrase-IN-17 disrupts DNA replication. This compound can be useful in the development of antibiotics, particularly for studying resistant strains.
Targets(IC50)	Antibacterial,DNA/RNA Synthesis

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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