

## DNA gyrase/Topo IV-IN-2

## Chemical Properties

CAS No. :

Formula:

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/Topo IV-IN-2 (Compound AK19) is an antibacterial agent with IC50 values of 0.783 $\mu$ M and 7.136 $\mu$ M for inhibiting E. coli DNA gyrase and topoisomerase IV, respectively. It exhibits broad-spectrum antibacterial activity against both Gram-positive and Gram-negative pathogens and inhibits biofilm formation in B. subtilis and MRSA, with a MIC of 1.9 $\mu$ M. DNA gyrase/Topo IV-IN-2 is useful for researching drugs targeting resistant bacteria.
Targets(IC50)	Antibacterial,DNA/RNA Synthesis,Topoisomerase

**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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