

## Product Datasheet

### DNA Gyrase-IN-17 (orb3027859)

<b>Catalog Number</b>	orb3027859
<b>Category</b>	Small Molecules
<b>Description</b>	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 <i>Enterococcus faecium</i> , <i>Escherichia coli</i> , and <i>Pseudomonas aeruginosa</i> , 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.
<b>Target</b>	Antibacterial,DNA/RNA Synthesis
<b>Formula</b>	$C_{18}H_{15}ClFN_5O$
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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