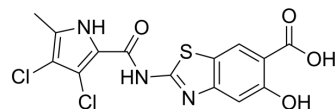


DNA gyrase B-IN-3

Cat. No.:	HY-149379
CAS No.:	2412834-56-9
Molecular Formula:	C ₁₄ H ₉ Cl ₂ N ₃ O ₄ S
Molecular Weight:	386.21
Target:	Bacterial; DNA/RNA Synthesis
Pathway:	Anti-infection; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DNA gyrase B-IN-3 (Compound A) is a bacterial DNA gyrase B inhibitor (IC ₅₀ : < 10 nM). DNA gyrase B-IN-3 has antibacterial activity against gram-positive strains ^[1] .
IC ₅₀ & Target	< 10 nM (DNA gyrase B) ^[1]

REFERENCES

[1]. Sterle M, et al. Exploring the 5-Substituted 2-Aminobenzothiazole-Based DNA Gyrase B Inhibitors Active against ESKAPE Pathogens. ACS Omega. 2023 Jun 28;8(27):24387-24395.

Caution: Product has not been fully validated for medical applications. For research use only.

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