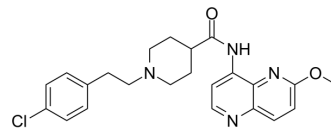


MMV688844

Cat. No.:	HY-143482
CAS No.:	2650213-59-3
Molecular Formula:	C ₂₃ H ₂₅ ClN ₄ O ₂
Molecular Weight:	424.92
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	MMV688844 is a potent <i>Mycobacterium abscessus</i> (Mabs) DNA Gyrase inhibitor with an IC ₅₀ value of 2 μM. MMV688844 has bactericidal properties against Mabs bamboo with a MIC ₅₀ of 12 μM. MMV688844 can be used for researching anti-bacteria ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2 μM (Mabs DNA Gyrase) ^[1]

REFERENCES

[1]. Beuchel A, et al. Structure-Activity Relationship of Anti-*Mycobacterium abscessus* Piperidine-4-carboxamides, a New Class of NBTI DNA Gyrase Inhibitors. ACS Med Chem Lett. 2022;13(3):417-427. Published 2022 Feb 28.

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

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