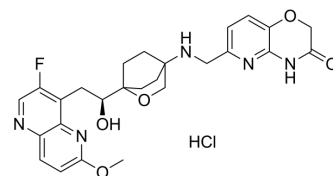


AM8191 hydrochloride

Cat. No.:	HY-125424
CAS No.:	1417548-17-4
Molecular Formula:	C ₂₆ H ₂₉ ClFN ₅ O ₅
Molecular Weight:	545.99
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AM8191 is an orally active bactericidal and selectively inhibits DNA synthesis and Staphylococcus aureus gyrase (IC₅₀=1.02 μM) and topo IV (IC₅₀=10.4 μM). AM8191 inhibits S. aureus MSSA (MIC=0.02 μg/mL) and S. aureus MRSA (MIC=0.06 μg/mL)^[1].

REFERENCES

[1]. Sheo B Singh, et al. Oxabicyclooctane-linked novel bacterial topoisomerase inhibitors as broad spectrum antibacterial agents. ACS Med Chem Lett. 2014 Mar 12;5(5):609-14.

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

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