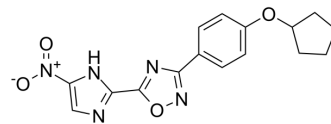


Antibacterial agent 156

Cat. No.:	HY-149610
CAS No.:	3032400-44-2
Molecular Formula:	C ₁₆ H ₁₅ N ₅ O ₄
Molecular Weight:	341.32
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 156 (Compound 57) is a selective and potent bactericidal against *C. difficile* and targets cell-wall synthesis. Antibacterial agent 156 exhibits bactericidal activity with the minimal inhibitory concentration of 0.5 µg/mL and 1 µg/mL against MIMIC50 (101 strains) and MIC90 (101 strains)^[1].

REFERENCES

[1]. Qian Y, et al. A Potent and Narrow-Spectrum Antibacterial against *Clostridioides difficile* Infection [published online ahead of print, 2023 Sep 21]. *J Med Chem.* 2023;10.1021/acs.jmedchem.3c01249.

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

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