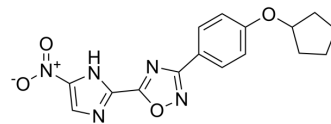


## Antibacterial agent 156

Cat. No.:	HY-149610
Molecular Formula:	C <sub>16</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub>
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)<sup>[1]</sup>.

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA