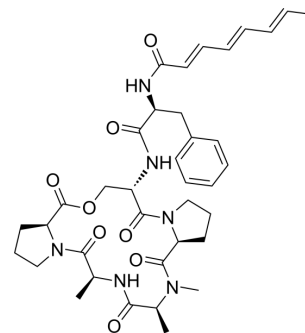


Antibacterial agent 199

Cat. No.:	HY-125524
CAS No.:	1629166-56-8
Molecular Formula:	C ₃₇ H ₄₈ N ₆ O ₈
Molecular Weight:	704.81
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 199 (Compound 2) is an activator for caseinolytic protease (ClpP) with a K_D of 0.7 μ M. Antibacterial agent 199 exhibits antibacterial efficacy against Gram-positive strains *Staphylococcus aureus*, *Streptococcus pneumoniae* and Gram-negative strain *Neisseria meningitidis*, with MICs of 16, 0.5 and 0.5 μ g/mL, respectively^[1].

REFERENCES

[1]. Goodreid JD, et al., Total synthesis and antibacterial testing of the A54556 cyclic acyldepsipeptides isolated from *Streptomyces hawaiiensis*. *J Nat Prod.* 2014 Oct 24;77(10):2170-81.

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