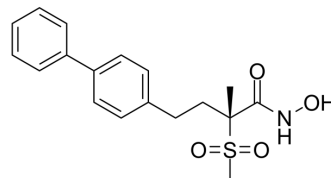


PF-04753299

Cat. No.:	HY-125789
CAS No.:	1289620-49-0
Molecular Formula:	C ₁₈ H ₂₁ NO ₄ S
Molecular Weight:	347.43
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PF-04753299 is a potent and selective UDP-3-O-(R-3-hydroxymyristol)-N-acetylglucosamine deacetylase (LpxC) inhibitor. PF-04753299 is bactericidal for the gonococcal isolates. PF-04753299 inhibits E. coli, P. aeruginosa and K. pneumoniae strains with MIC ₉₀ values of 2 µg/ml, 4 µg/ml and 16 µg/ml, respectively. PF-04753299 is used for the study of gram-negative bacteria infection ^[1] .
IC ₅₀ & Target	IC50: bacterial ^[1]

REFERENCES

[1]. Constance M John, et al. Treatment of human challenge and MDR strains of Neisseria gonorrhoeae with LpxC inhibitors. J Antimicrob Chemother. 2018 Aug 1;73(8):2064-2071.

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