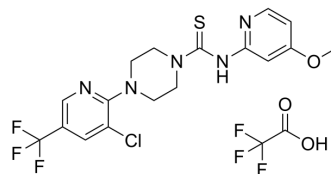


ML267

Cat. No.:	HY-137502
CAS No.:	1542213-67-1
Molecular Formula:	C ₁₉ H ₁₈ ClF ₆ N ₅ O ₃ S
Molecular Weight:	545.89
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ML267 a potent Sfp phosphopantetheinyl transferase (PPTases) inhibitor with an IC ₅₀ of 0.29 μM. ML267 also inhibits AcpS-PPTase with an IC ₅₀ of 8.1 μM. ML267 possesses specific Gram-positive-targeted bactericidal activities ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.29 μM (Sfp-PPTases) and 8.1 μM (AcpS-PPTase) ^[1]

REFERENCES

[1]. Foley TL, et al. J. 4-(3-Chloro-5-(trifluoromethyl)pyridin-2-yl)-N-(4-methoxypyridin-2-yl)piperazine-1-carbothioamide (ML267), a potent inhibitor of bacterial phosphopantetheinyl transferase that attenuates secondary metabolism and thwarts bacterial growth. J Med Chem. 2014 Feb 13;57(3):1063-78.

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