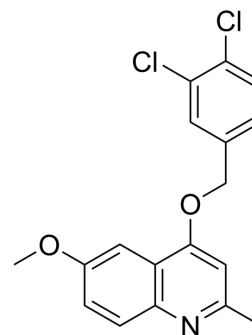


Antibacterial agent 96

Cat. No.:	HY-146374
CAS No.:	2413006-62-7
Molecular Formula:	C ₁₈ H ₁₅ Cl ₂ NO ₂
Molecular Weight:	348.22
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antibacterial agent 96 (compound 4k) is a potent antibacterial agent. Antibacterial agent 96 shows antitubercular activity against agent-susceptible and multidrug-resistant Mycobacterium tuberculosis (M. tuberculosis) strains. Antibacterial agent 96 shows toxicity to HepG2 and Vero cells ^[1] .
In Vitro	Antibacterial agent 96 shows antibacterial activity with an MIC value of 0.3, 0.2, 0.5, 0.2, 14.4 μM for Mycobacterium tuberculosis (M. tuberculosis) H37RvPT2, PT12, PT20, qcrB-T313A strain, respectively ^[1] . Antibacterial agent 96 shows toxicity with CC ₅₀ s of 14.4, >20 μM for HepG2 and Vero cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. antibacterial; antitubercular; HepG2; Vero cells; Mycobacterium tuberculosis

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