

1	1,331.6±136.97	905.35±594.23
2	1,409.47±140.85	1,309.39±214.08
5	948.85±128.7	1,609.18±167.2
8	820.6±265.98	1,271.73±249.18
24	1.27±1.1	4.96±1.85
T _{max} (h)	2.0	5.0
C _{max} (ng/ml)	1,410	1,610
AUC _{last} (ng × h/ml)	10,200	13,900

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Animal Model:	B6D2F1 mice ^[2]
Dosage:	5, 25, or 50 mg/kg
Administration:	oral, 5, 25, or 50 mg/kg, single
Result:	Reduced PDE4 expression in mtb-infected mouse lungs.

Animal Model:	B6D2F1 mice ^[2]
Dosage:	5, 25, or 50 mg/kg
Administration:	oral gavage, 5, 25, or 50 mg/kg, single
Result:	Improved antibiotic-mediated bacterial killing and reduced lung pathology.

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.

[2]. Selvakumar Subbian, et al. Pharmacologic Inhibition of Host Phosphodiesterase-4 Improves Isoniazid-Mediated Clearance of Mycobacterium tuberculosis. Front Immunol. 2016 Jun 17;7:238.

Caution: Product has not been fully validated for medical applications. For research use only.

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