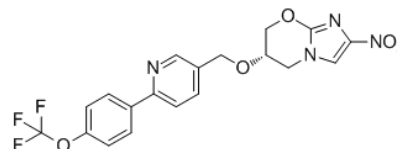


Product Name : TBA-354
Cat. No. : PC-43057
CAS No. : 1257426-19-9
Molecular Formula : C₁₉H₁₅F₃N₄O₅
Molecular Weight : 436.3414
Target : Bacterial
Solubility : DMSO: ≥ 46 mg/mL



Biological Activity

TBA-354 is a novel **antitubercular** agent that shows MIC of 6 uM against *M. tuberculosis* H37Rv. TBA-354 maintains activity against *Mycobacterium tuberculosis* H37Rv isogenic mono-resistant strains and clinical drug-sensitive and drug-resistant isolates, demonstrates superior potency and pharmacokinetic profile compared with PA-824, 5 to 10 times more potent than PA-824.

References

- Kmentova I, et al. *J Med Chem.* 2010 Dec 9;53(23):8421-39.
Upton AM, et al. *Antimicrob Agents Chemother.* 2015 Jan;59(1):136-44.
Tasneen R, et al. *Antimicrob Agents Chemother.* 2015 Jan;59(1):129-35.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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