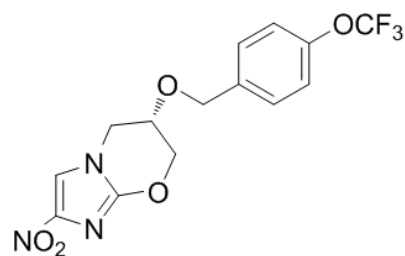


Product Name : PA-824
Cat. No. : PC-42714
CAS No. : 187235-37-6
Molecular Formula : C₁₄H₁₂F₃N₃O₅
Molecular Weight : 359.2574
Target : Bacterial
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

Pretomanid (PA-824) is an anti-tuberculosis agent that inhibits the synthesis of protein and cell wall lipid.

Pretomanid (PA-824) exhibits bactericidal activity against both replicating and static *M. tuberculosis* (MIC: 0.015-0.25 ug/mL).

Pretomanid (PA-824) shows potent bactericidal activity against MDR *M. tuberculosis* and promising oral activity in animal infection models.

References

Stover CK, et al. *Nature*. 2000 Jun 22;405(6789):962-6.

Tyagi S, et al. *Antimicrob Agents Chemother*. 2005 Jun;49(6):2289-93.

Lenaerts AJ, et al. *Antimicrob Agents Chemother*. 2005 Jun;49(6):2294-301.

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

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