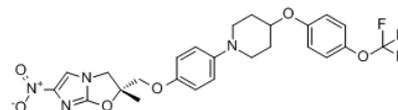


Product Name : Delamanid
Cat. No. : PC-42715
CAS No. : 681492-22-8
Molecular Formula : C₂₅H₂₅F₃N₄O₆
Molecular Weight : 534.4844
Target : Bacterial
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

A mycolic acid biosynthesis inhibitor found to be free of mutagenicity and to possess highly potent activity against tuberculosis, including MDR-TB; shows MIC of 0.006-0.024 ug/mL in vitro and highly effective therapeutic activity at low doses in vivo.

References

- Matsumoto M, et al. PLoS Med. 2006 Nov;3(11):e466.
Li X, et al. Bioorg Med Chem Lett. 2008 Apr 1;18(7):2256-62.
Hurdle JG, et al. J Antimicrob Chemother. 2008 Nov;62(5):1037-45.

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

E-mail: tech@probechem.com