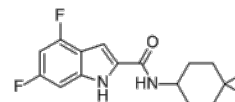


Product Name : NITD-349
Cat. No. : PC-61755
CAS No. : 1473450-62-2
Molecular Formula : C₁₇H₂₀F₂N₂O
Molecular Weight : 306.36
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

NITD-349 is a novel, orally bioavailable mycobacterial membrane protein Large 3 (**MmpL3**) inhibitor with MIC of 23 nM against M tuberculosis H37Rv.

NITD-349 shows potent activity against both drug-sensitive and multidrug-resistant clinical isolates of Mtb.

NITD-349 demonstrates effectivity in treating both acute and chronic Mtb infections in mouse efficacy models.

References

Rao SP, et al. *Sci Transl Med.* 2013 Dec 4;5(214):214ra168.

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

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