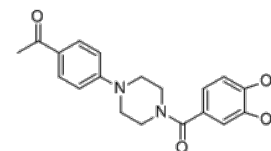


Product Name : ML406
Cat. No. : PC-62126
CAS No. : 774589-47-8
Molecular Formula : C₂₀H₂₀N₂O₄
Molecular Weight : 352.39
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

ML406 is a small molecule **Mtb bioA** (DAPA synthase) enzyme inhibitor (IC₅₀=30 nM) that shows anti-tubercular activity, displaying >100-fold selectivity over bioD.

ML406 exhibits WT M. tb (H37Rv) growth inhibition without biotin with an IC₅₀ of 3.2 μM.

References

Casalena D, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].

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

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