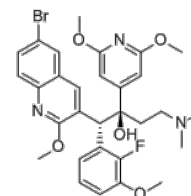


Product Name : TBAJ-587
Cat. No. : PC-49604
CAS No. : 2252316-16-6
Molecular Formula : C₃₀H₃₃BrFN₃O₅
Molecular Weight : 614.51
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

TBAJ-587 is a potent anti-tuberculosis agent, inhibits **M.tb strain H37Rv** growth with MIC₉₀ of 0.006 and <0.02 µg/mL in MABA and LORA assay, respectively.

TBAJ-587, an analogue of Bedaquiline, demonstrates more potent anti-tubercular activity, with greatly attenuated hERG blockade.

References

Lisa Barbaro, et al. *ChemMedChem*. 2022 Oct 19;e202200533.

Sutherland HS, et al. *Bioorg Med Chem*. 2019 Apr 1;27(7):1292-1307.

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

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