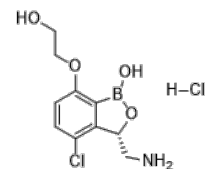


Product Name : Ganfeborole hydrochloride
Cat. No. : PC-25241
CAS No. : 2131798-13-3
Molecular Formula : C₁₀H₁₄BCl₂NO₄
Molecular Weight : 293.94
Target : Bacterial
Solubility : 10 mM in DMSO



CAS: 2131798-13-3

Biological Activity

Ganfeborole hydrochloride (GSK3036656, GSK656) is a potent, highly selective, orally bioavailable Mtb **Leucyl-tRNA synthetase (LeuRS)** with IC₅₀ of 0.2 uM.

GSK3036656 displays no significant activity for human mitochondrial LeuRS and human cytoplasmic LeuRS (IC₅₀>100 uM).

GSK3036656 shows potent antitubercular activity (Mtb H37Rv IC₅₀=0.08 uM) in vitro.

GSK3036656 exhibits remarkable PK profiles and efficacy against Mtb in mouse TB infection models.

References

Li X, et al. *J Med Chem.* 2017 Oct 12;60(19):8011-8026.

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

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