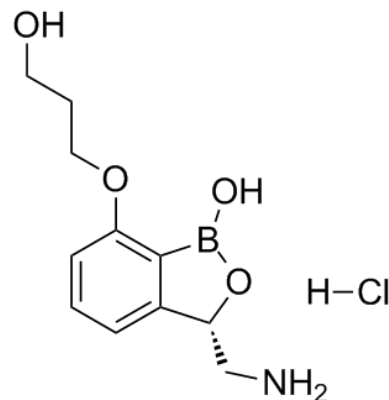


Product Name : Epetraborole hydrochloride
Cat. No. : PC-43054
CAS No. : 1234563-16-6
Molecular Formula : C₁₁H₁₇BClNO₄
Molecular Weight : 273.521
Target : Bacterial
Solubility : H₂O: ≥ 28 mg/mL



Biological Activity

Epetraborole (GSK2251052, AN3365) is a broad-spectrum antibacterial inhibitor of leucyl tRNA-synthetase (LeuRS), shows MIC₅₀/MIC₉₀ of 2/4 ug/ml against 916 clinical anaerobic isolates; MIC₉₀s against 302 *Bacteroides fragilis* and *Bacteroides thetaiotaomicron* strains are 4 and 8 µg/ml, respectively; a single amino acid polymorphism (P329) within the editing domain of LeuRS reduces susceptibility to GSK2251052.

Bacterial Infection

Phase 2 Discontinued

References

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O'Dwyer K, et al. *Antimicrob Agents Chemother.* 2015 Jan;59(1):289-98.

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

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