

Product Datasheet

Epetraborole hydrochloride (orb1226707)

Catalog Number	orb1226707
Category	Small Molecules
Description	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
Target	Antibacterial
Purity	>98% (HPLC)
MW	273.521
Target Areas	bacterialleucyltRNA synthetase
Solubility (25°C)	H2O: ≥ 28 mg/mL
CAS Number	1234563-16-6
Formula	C ₁₁ H ₁₇ BClNO ₄
SMILES	B1(C2=C(C=CC=C2OCCCCO)C(O1)CN)O.Cl
Chemical Name	1-Propanol, 3-[[[(3S)-3-(aminomethyl)-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, hydrochloride (1:1)
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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