
Epetraborole hydrochloride

产品编号: D51256

CAS: 1234563-16-6

分子式: C₁₁H₁₇BClNO₄

纯度: ≥98%

InChi: InChI=1S/C₁₁H₁₆BNO₄.ClH/c13-7-10-8-3-1-4-9(16-6-2-5-14)11(8)12(15)17-10;/h1,3-4,10,14-15H,2,5-7,13H₂;1H/t10-;/m1./s1

InChi Key: DADYQGIGQOBIW-HNCPQSOCSA-N

Smiles: Cl.NC[C@H]1OB(O)C2=C1C=CC=C2OCCCCO

外观: 固体粉末

作用通路: Bacterial

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Epetraborole, also known as GSK2251052 and AN3365, is a potent and selective leucyl-tRNA synthetase inhibitor. Epetraborole was in development for the treatment of infections caused by multidrug-resistant Gram-negative pathogens. GSK2251052 is a novel boron-containing antibiotic that inhibits bacterial leucyl tRNA synthetase. All *Clostridium perfringens* strains had GSK2251052 MICs of >32 µg/ml.