
FPI-1523 sodium

产品编号: D58047

CAS: 1452459-52-7

分子式: C₉H₁₄N₄NaO₇S

纯度: 99.42%

InChi Key: InChIKey=YIFMPZJKYPRVGR-HHQNIRSA-N

Smiles: C(NNC(C)=O)(=O)[C@H]1[N@@]2C(=O)N(OS(=O)(=O)O)[C@@](C2)(CC1)[H].[Na]

外观: 固体粉末

作用通路: Metabolism;Microbiology/virology

作用靶点: Endogenous Metabolite;Antibacterial

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: FPI-1523 sodium, a derivative of avibactam, is a potent β -lactamase inhibitor with K_ds of 4 nM and 34 nM for CTX-M-15 and OXA-48, respectively. FPI-1523 sodium inhibited PBP2 with an IC₅₀ of 3.2 μ M. FPI-1523 sodium has a high level of antibacterial activity. FPI-1523 sodium has considerable antimicrobial activity.