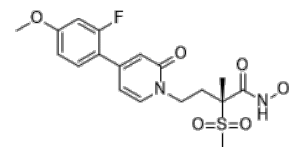


Product Name : PF-5081090
Cat. No. : PC-26543
CAS No. : 1312473-63-4
Molecular Formula : C₁₈H₂₁FN₂O₆S
Molecular Weight : 412.43
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

PF-5081090 (LpxC-4) is a highly potent LpxC inhibitor with IC₅₀ of 1.1 nM (*P. aeruginosa* LpxC) and MIC₉₀ of 1 ug/mL, inhibits lipid A biosynthesis and is synergistic with azithromycin, rifampin, or vancomycin for multidrug-resistant *A. baumannii*.

References

García-Quintanilla M, et al. *Antimicrob Agents Chemother.* 2016 Jul 22;60(8):5076-9.

Niu Z, et al. *Eur J Med Chem.* 2023 May 5;253:115326.

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

E-mail: tech@probechem.com