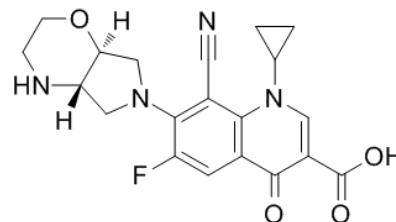


Product Name : Finafloxacin
Cat. No. : PC-43542
CAS No. : 209342-40-5
Molecular Formula : C₂₀H₁₉FN₄O₄
Molecular Weight : 398.3877
Target : Bacterial
Solubility : DMSO: 6.4 mg/mL



Biological Activity

Finafloxacin is a fluoroquinolone **antibiotic** that demonstrates superior activity to ciprofloxacin under acidic conditions (pH 5.8, *A. baumannii* isolates MIC=0.03-0.12 µg/mL).

Finafloxacin shows comparable activity to ciprofloxacin at pH 7.2.

Finafloxacin is a promising new antimicrobial agent for the treatment of *A. baumannii* infections at acidic body compartments.

References

Higgins PG, et al. Antimicrob Agents Chemother. 2010 Apr;54(4):1613-5.

Emrich NC, J Antimicrob Chemother. 2010 Dec;65(12):2530-3.

Dalhoff A, et al. Antimicrob Agents Chemother. 2011 Apr;55(4):1814-8.

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

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