

Ozenoxacin

Catalog No: tcsc0003657

Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Dispecifications

CAS No: 245765-41-7

Formula:

 $C_{21}H_{21}N_{3}O_{3}$

Pathway: Anti-infection

Target: Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : 6 mg/mL (16.51 mM; Need ultrasonic and warming)

Alternative Names:

T-3912

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Observed Molecular Weight:

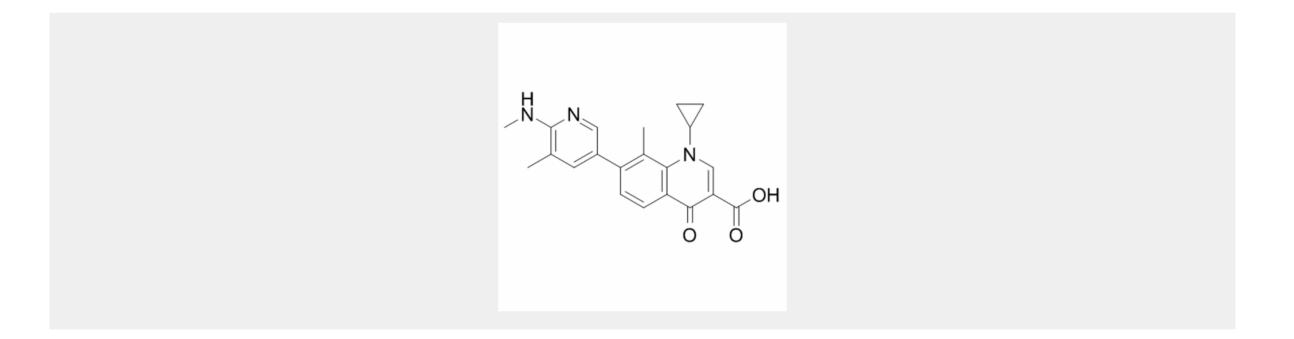
363.41

Product Description

Ozenoxacin is a nonfluorinated quinolone antibacterial, which shows potent activities against the main microorganisms isolated from skin and soft tissue infections.

IC50 & Target: Bacterial^[1]

In Vitro: Ozenoxacin (OZN) shows potent antibacterial activities against clinical isolates of Gram-positive microorganisms, with MICs ranging from 0.008 to 4 mg/L. Ozenoxacin shows good activities against strains of MRSA, MSSA, MSSE, and MRSE with 2, 3, or 4 mutations in the gyrA and grIA (parC) genes^[1]. Ozenoxacin inhibits MSSA strains and S. agalactiae strains, with the rates of resistance of $>10^{-10}$ and 5.3×10^{-10} , respectively. The maximum MIC value for mutant strains is 8 mg/L for ozenoxacin^[2].



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