

Ozenoxacin

Catalog No: tcsc0003657



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

245765-41-7

Formula:

$C_{21}H_{21}N_3O_3$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

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

Alternative Names:

T-3912

Observed Molecular Weight:

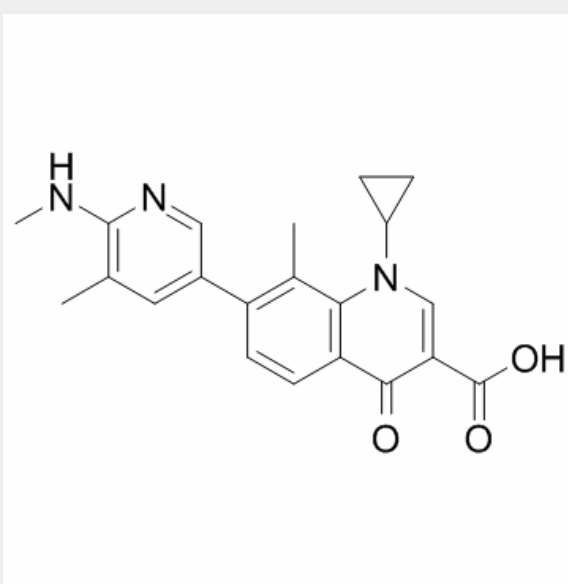
363.41

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 *grlA* (*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].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!