

# Besifloxacin (Hydrochloride)

Catalog No: tcsc0713



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

405165-61-9

**Formula:**

$C_{19}H_{22}Cl_2FN_3O_3$

**Pathway:**

Anti-infection

**Target:**

Bacterial

**Purity / Grade:**

>98%

**Solubility:**

H<sub>2</sub>O :

**Observed Molecular Weight:**

430.3

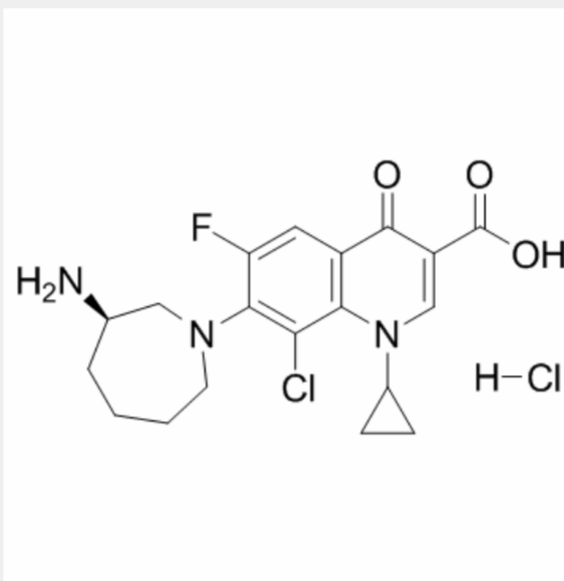
## Product Description

Besifloxacin hydrochloride is a fourth-generation fluoroquinolone antibiotic.

IC<sub>50</sub> Value:

Target: Antibacterial

Besifloxacin has been found to inhibit production of pro-inflammatory cytokines in vitro. Besifloxacin is a novel 8-chloro-fluoroquinolone agent with potent, bactericidal activity against prevalent and drug-resistant pathogens. Besifloxacin is the most potent agent tested against gram-positive pathogens and anaerobes and is generally equivalent to comparator fluoroquinolones in activity against most gram-negative pathogens. Besifloxacin demonstrates potent, broad-spectrum activity, which is particularly notable against gram-positive and gram-negative isolates that are resistant to other fluoroquinolones and classes of antibacterial agents.



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