

Sitafloxacin

Catalog No: tcsc2488



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

127254-12-0

Formula:

$C_{19}H_{18}ClF_2N_3O_3$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

DU6859a

Observed Molecular Weight:

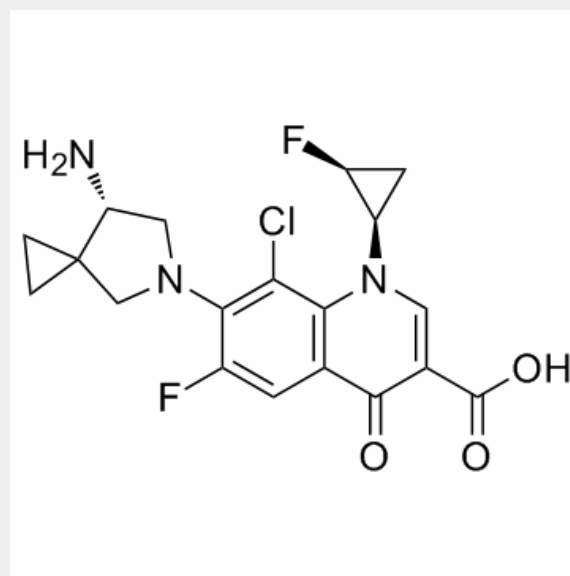
409.81

Product Description

Sitafloxacin is a new-generation, broad-spectrum oral fluoroquinolone antibiotic.

Target: Antibacterial

Sitafloxacin, a new-generation, broad-spectrum oral fluoroquinolone that is very active against many Gram-positive, Gram-negative and anaerobic clinical isolates, including strains resistant to other fluoroquinolones, was recently approved in Japan for the treatment of respiratory and urinary tract infections [1]. In terms of clinical efficacy, oral sitafloxacin was noninferior to oral levofloxacin in the treatment of community-acquired pneumonia or an infectious exacerbation of chronic respiratory tract disease, noninferior to oral tosufloxacin in the treatment of community-acquired pneumonia, and noninferior to oral levofloxacin in the treatment of complicated urinary tract infections, according to the results of randomized, double-blind, multicentre, noninferiority trials. Noncomparative studies demonstrated the efficacy of oral sitafloxacin in otorhinolaryngological infections, urethritis in men, *C. trachomatis*-associated cervicitis in women and odontogenic infections [2].



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