

Sitafloxacin (hydrate)

Catalog No: tcsc2489



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

163253-35-8

Formula:

$C_{19}H_{18}ClF_2N_3O_3 \cdot \frac{1}{2}H_2O$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : 8.9 mg/mL (20.37 mM; Need ultrasonic and warming)

Alternative Names:

DU6859a hydrate

Observed Molecular Weight:

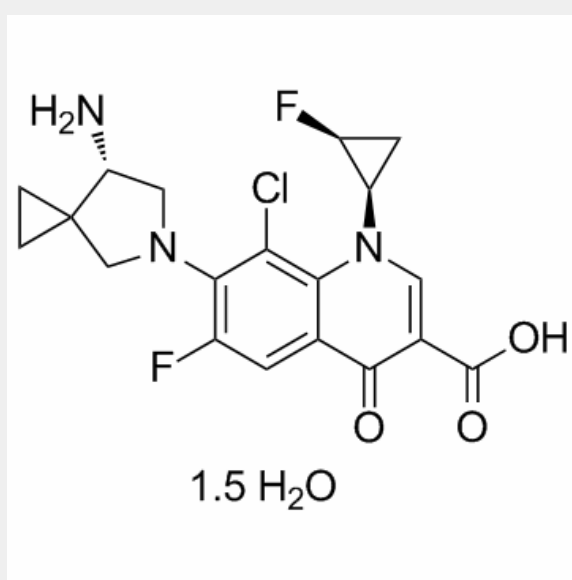
436.84

Product Description

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

Target: Antibacterial

Sitafloxacin Hydrate, 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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