

Clinafloxacin

Catalog No: tcsc2633



Available Sizes

Size: 50mg



Specifications

CAS No:

105956-97-6

Formula:

$C_{17}H_{17}ClFN_3O_3$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO :

Alternative Names:

AM-1091;CI-960;PD 127391

Observed Molecular Weight:

365.79

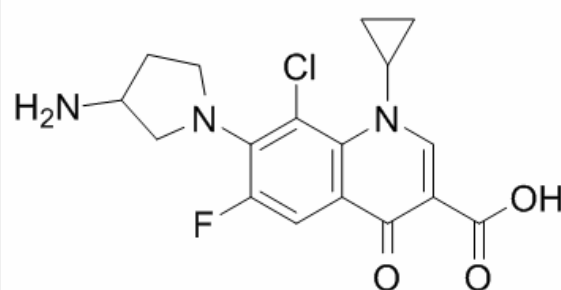
Product Description

Clinafloxacin(PD-127391) is a fluoroquinolone antibiotic.

Target: Antibacterial

Clinafloxacin is a broad-spectrum antibiotic of the quinolone carboxylic acid category currently in development for intravenous and

oral therapy of serious infections [1]. Clinafloxacin is a novel fluoroquinolone with potent broad-spectrum in vitro activity against gram-positive, gram-negative, and anaerobic pathogens. Clinafloxacin is highly active against *S. pneumoniae* 7785 (MIC, 0.125 µg/mL), and neither *gyrA* nor *parC* quinolone resistance mutations alone have much effect on this activity [2]. Clinafloxacin is identified as the most active fluoroquinolone against *S. pneumoniae* when compared with ofloxacin, levofloxacin, sparfloxacin, grepafloxacin, and trovafloxacin and is currently being evaluated as an antipneumococcal agent [3].



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