

Delafloxacin

Catalog No: tcsc1478



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

189279-58-1

Formula:

$C_{18}H_{12}ClF_3N_4O_4$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

RX-3341;WQ-3034;ABT492

Observed Molecular Weight:

440.76

Product Description

Delafloxacin (RX-3341, ABT-492) is a fluoroquinolone antibiotic agent.

IC50 Value: MICs ranging from 0.0078 to 0.125 micro g/ml for levofloxacin-resistant *Streptococcus pneumoniae* strains [1]

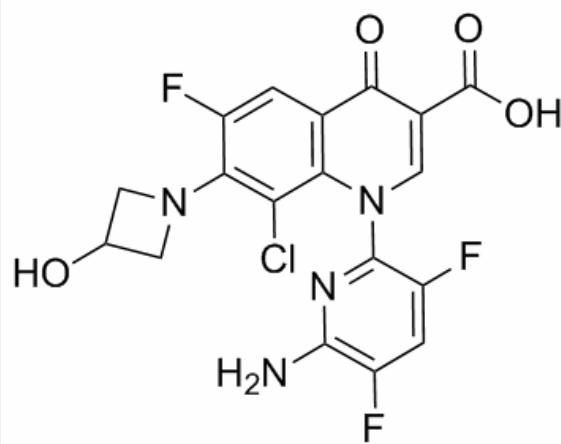
Target: Antibacterial

ABT-492 was more potent against quinolone-susceptible and -resistant gram-positive organisms, had activity similar to that of ciprofloxacin against certain members of the family Enterobacteriaceae, and had comparable activity against quinolone-susceptible, nonfermentative, gram-negative organisms.

in vitro: ABT-492 exhibited excellent in vitro activities against all 326 aerobic and anaerobic antral puncture sinus isolates tested with MICs (in micrograms per milliliter) at which 90% of the isolates tested were inhibited as follows: *Haemophilus influenzae*, 0.001; *Moraxella catarrhalis*, 0.008; and *Streptococcus pneumoniae*, 0.015 [2]. ABT-492 was as active as trovafloxacin against *Chlamydia trachomatis*, indicating good intracellular penetration and antibacterial activity [3].

in vivo:

Clinical trial: N/A



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