Sparfloxacin

Fluoroquinolone antibacterial agent

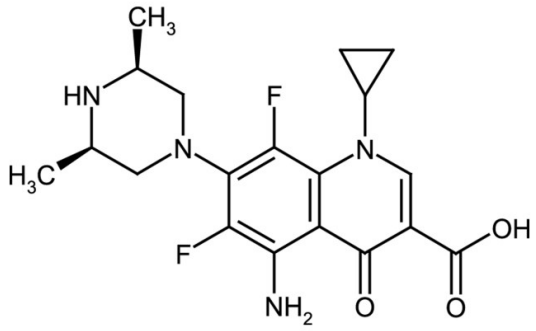
Fluoroquinolone with broad spectrum antibacterial activity against Gram-positive and Gram-negative bacteria. Inhibits bacterial DNA gyrase (topoisomerase). Effective against *Mycobacterium tuberculosis*. Shows photosensitizing effects.

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ALX-380-302-G005	5g

Manuals, SDS & CofA View Online »


CH3
HN
F
N
N
H3C
OH
F
NH2
O
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	rel-5-Amino-1-cyclopropyl-7-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-6,8-difluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid, AT-4140
Appearance	White to yellow crystalline solid.
CAS	110871-86-8
Couple Target	DNA gyrase
Couple Type	Inhibitor
Formula	$C_{19}H_{22}F_2N_4O_3$
Identity	Determined by IR.
MI	**14:** 8735
MW	392.4
Purity	≥98% (Assay)
RTECS	VB1986500
Solubility	Soluble in 100% ethanol or water.

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