



LKT Laboratories, Inc.

Clinafloxacin Hydrochloride

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Product Information

Product ID C4535

CAS No. 105956-99-8

Chemical Name 7-(3-Amino-1-pyrrolidinyl)-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid hydrochloride

Synonym AM-1091, CI-960, PD-12739

Formula $C_{17}H_{17}ClFN_3O_3 \cdot HCl$

Formula Wt. 402.24

Melting Point 263-265°C(dec.)

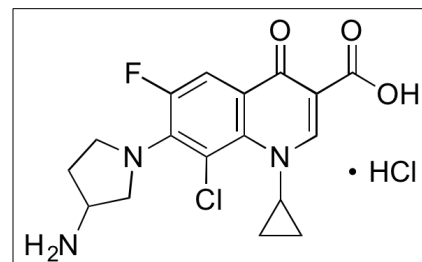
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Clinafloxacin is a fluoroquinolone antibiotic that is clinically used to treat respiratory infections; it displays antibacterial efficacy by inhibiting DNA gyrase and topoisomerase IV. Clinafloxacin displays broad spectrum activity, inhibiting growth of *Actinobacillus*, *Pasturella*, *Mannheimia*, and *Histophilus*.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C4535	100 mg	\$166.60
C4535	250 mg	\$351.90
C4535	1 g	\$648.30

References Sweeney MT, Quesnell R, Tiwari R, et al. In vitro activity and rodent efficacy of clinafloxacin for bovine and swine respiratory disease. *Front Microbiol.* 2013 Jun 14;4:154. PMID: 23785362.

Ball P, Fernald A, Tillotson G. Therapeutic advances of new fluoroquinolones. *Expert Opin Investig Drugs.* 1998 May;7(5):761-83. PMID: 15991967.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.