



# LKT Laboratories, Inc.

## Sarafloxacin Hydrochloride

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

### Product Information

**Product ID** S0170

**CAS No.** 91296-87-6

**Chemical Name** 6-Fluoro-1-(4-fluorophenyl)-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid hydrochloride

**Synonym** Abbott 56620, Sarafloxacin monohydrochloride

**Formula**  $C_{20}H_{17}F_2N_3O_3 \cdot HCl$

**Formula Wt.** 421.83

**Melting Point** >275 °C

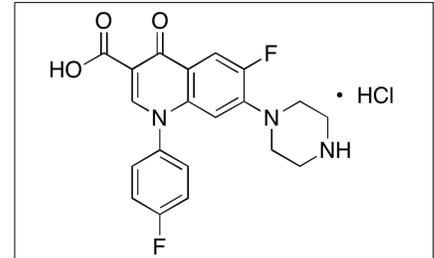
**Purity** ≥91%

**Solubility** Soluble in water.

**Store Temp** 4 °C

**Ship Temp** Ambient

**Description** Sarafloxacin is a fluoroquinolone antibiotic that inhibits topoisomerase IV and DNA gyrase. Sarafloxacin displays antibacterial activity against *Mycobacterium*, *Escherichia*, and several other bacteria. This compound is most often used in livestock, particularly poultry.



**Bulk quantities available upon request**

Product ID	Size
S0170	5 g
S0170	10 g
S0170	25 g

**References** Chansiripornchai N, Sasipreeyajan J. Efficacy of sarafloxacin in broilers after experimental infection with *Escherichia coli*. *Vet Res Commun.* 2002 Jun;26(4):255-62. PMID: 12184496.

Wang C, Ewing M, Aarabi SY. In vitro susceptibility of avian mycoplasmas to enrofloxacin, sarafloxacin, tylosin, and oxytetracycline. *Avian Dis.* 2001 Apr-Jun;45(2):456-60. PMID: 11417828.

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