



LKT Laboratories, Inc.

Difloxacin Hydrochloride

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Product Information

Product ID D3223

CAS No. 91296-86-5

Chemical Name

Synonym

Formula $C_{21}H_{19}F_2N_3O_3 \cdot HCl$

Formula Wt. 435.85

Melting Point

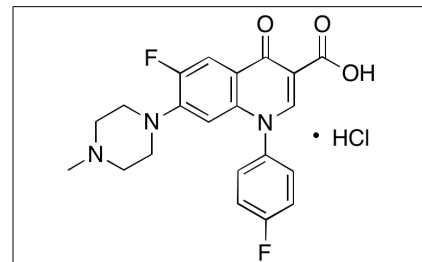
Purity $\geq 98\%$

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Difloxacin is a fluoroquinolone antibiotic used in veterinary medicine; it's antibacterial efficacy stems from inhibition of bacterial DNA gyrase. Difloxacin inhibits growth of several types of bacteria, including species of *Staphylococcus*, *Escherichia*, and *Pasturella*.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D3223	5 g	\$120.50
D3223	25 g	\$402.40
D3223	100 g	\$1207.60

References Schink AK, Kadlec K, Hauschild T, et al. Susceptibility of canine and feline bacterial pathogens to pradofloxacin and comparison with other fluoroquinolones approved for companion animals. *Vet Microbiol.* 2013 Feb 22;162(1):119-26. PMID: 22939523.

Awji EG, Tassew DD, Lee JS, et al. Comparative mutant prevention concentration and mechanism of resistance to veterinary fluoroquinolones in *Staphylococcus pseudintermedius*. *Vet Dermatol.* 2012 Aug;23(4):376-80, e68-9. PMID: 22409306.

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