



LKT Laboratories, Inc.

Enrofloxacin

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Product Information

Product ID E5369

CAS No. 93106-60-6

Chemical Name

Synonym 1,4-Dihydro-1-cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-4-oxo-3-quinolinecarboxylic acid, Baytril

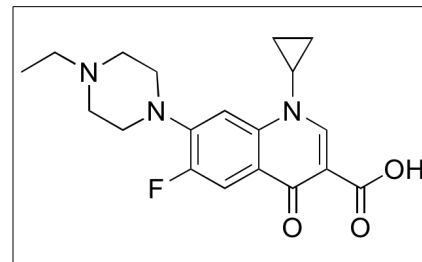
Formula C₁₉H₂₂FN₃O₃

Formula Wt. 359.39

Melting Point 219-223 °C

Purity ≥98%

Solubility Slightly soluble in water, ethanol. Soluble in DMF (10 mg/mL).



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
E5369	5 g	\$90.30
E5369	10 g	\$142.80
E5369	50 g	\$676.10

Store Temp Ambient

Ship Temp Ambient

Description Enrofloxacin is a fluoroquinolone antibiotic that is clinically used in veterinary medicine. Enrofloxacin inhibits bacterial DNA gyrase, displaying antibacterial efficacy against broad spectrum aerobic bacteria.

References Cengiz M, Sahinturk P, Sonal S, et al. In vitro bactericidal activity of enrofloxacin against gyrA mutant and qnr-containing Escherichia coli isolates from animals. Vet Rec. 2013 May 4;172(18):474. PMID: 23605176.

Rzedzicki J, Boś M, Kolasa A. Influence of antibiotics on growth dynamics and movement ability of Salmonella rods. Pol J Vet Sci. 2004;7(4):267-74. PMID: 15633786.

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