



## 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** C<sub>19</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>3</sub>

**Formula Wt.** 359.39

**Melting Point** 219-223 °C

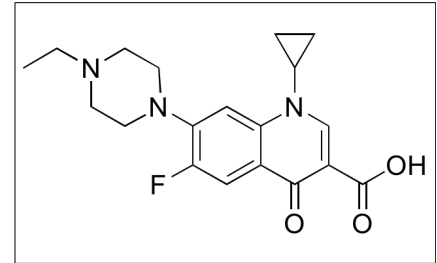
**Purity** ≥98%

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

**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.



**Bulk quantities available upon request**

Product ID	Size
E5369	5 g
E5369	10 g
E5369	50 g

**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.