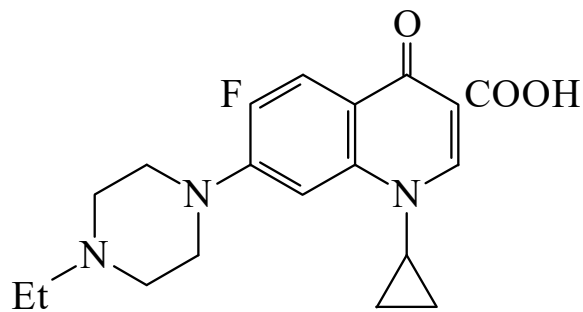




>>Entry Name: **Enrofloxacin**, BAN, INN, USAN

Synonym(s): 1-Cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid, 9CI. Baytril. Bay VP 2674



CAS Registry Number: 93106-60-6

Type of Compound Code(s): XA1150

Molecular Formula: C₁₉H₂₂FN₃O₃

Molecular Weight: 359.399

Accurate Mass: 359.16452

Percentage Composition: C 63.50%; H 6.17%; F 5.29%; N 11.69%; O 13.36%

Use/Importance: Vet. antibacterial agent

Melting Point: Mp 219-221°

Calculated Log P Data: Log P -0.36 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 4336 mg/kg. LD₅₀ (mus, ivn) 200 mg/kg. Mutagenic props.

>>Derivative: Hydrochloride

Melting Point: Mp 334-336 dec.° (328° dec.)

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