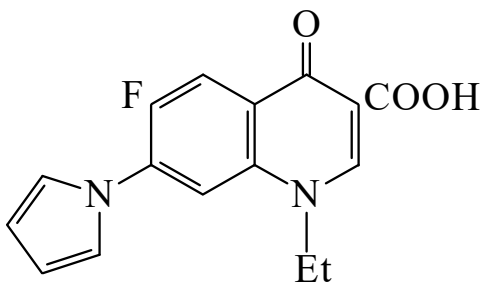




>>Entry Name: Irloxacin, INN

Synonym(s): 1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1*H*-pyrrol-1-yl)-3-quinolinecarboxylic acid, 9Cl. Bludacina. Pirfloxacin. E 3432. NAX 25



CAS Registry Number: 91524-15-1

Molecular Formula: C₁₆H₁₃FN₂O₃

Molecular Weight: 300.289

Accurate Mass: 300.091021

Percentage Composition: C 64.00%; H 4.36%; F 6.33%; N 9.33%; O 15.98%

Use/Importance: Gram-negative antibacterial agent

Physical Description: Cryst. (DMF/MeOH)

Melting Point: Mp 215-220°. Mp 252-255°

Calculated Log P Data: Log P 2.37 (calc)

References:

Stefancich, G. *et al.*, *Farmaco, Ed. Sci.*, 1985, **40**, 237, (*synth, pharmacol*)

Fr. Pat., 1985, *Provesan*, 2 548 664; *CA*, **103**, 87784a

Domagala, J.M. *et al.*, *J. Med. Chem.*, 1986, **29**, 394, (*synth, pharmacol*)

Coll, R. *et al.*, *Drugs Exp. Clin. Res.*, 1987, **13**, 75, (*activity*)

Uno, T. *et al.*, *J. Med. Chem.*, 1987, **30**, 2163, (*synth*)