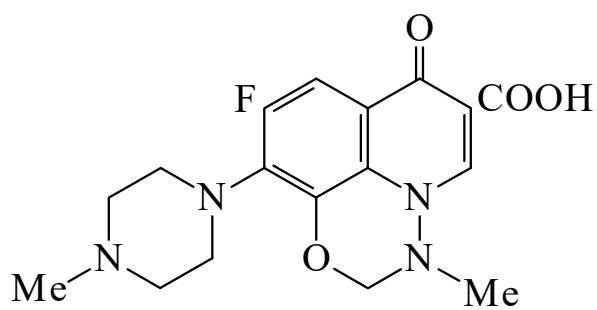




>>Entry Name: **Marbofloxacin**, BAN, INN

Synonym(s): 9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7*H*-pyrido[3,2,1-*ij*][4,1,2]benzoxadiazine-6-carboxylic acid, 9Cl



CAS Registry Number: 115550-35-1

Molecular Formula: C₁₇H₁₉FN₄O₄

Molecular Weight: 362.36

Accurate Mass: 362.139034

Percentage Composition: C 56.35%; H 5.28%; F 5.24%; N 15.46%; O 17.66%

Use/Importance: DNA-gyrase inhibitor. Antibacterial agent

Physical Description: Cryst. (MeOH)

Melting Point: Mp 268-269 dec.°

References:

Eur. Pat., 1988, *Hoffmann-La Roche*, 259 804; *CA*, **109**, 73478r, (*synth, pharmacol*)

Res. Discl., 1988, **291**, 548, (*synth*)

Petracca, K. *et al.*, *J. Vet. Med., Ser. A*, 1993, **40**, 73, (*pharmacol*)