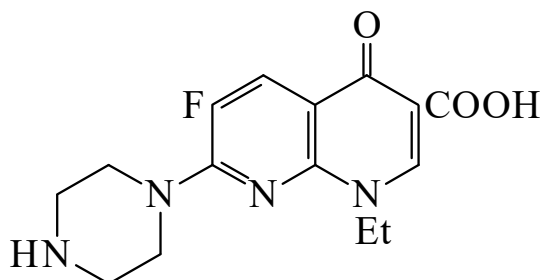




>>>Entry Name: Enoxacin, BAN, INN, JAN, USAN

Synonym(s): 1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid, 9CI. Bactidan. Comprecin. Enoxen. Flumark. Gyramid. Penetrex. AT 2266. CI 919. PD 107779. 1620 RB. Many other names



CAS Registry Number: 74011-58-8

Related CAS Registry Numbers(s): 84294-96-2

Type of Compound Code(s): XA1150

Molecular Formula: C₁₅H₁₇FN₄O₃

Molecular Weight: 320.323

Accurate Mass: 320.128469

Percentage Composition: C 56.24%; H 5.35%; F 5.93%; N 17.49%; O 14.98%

Use/Importance: Antibacterial agent; used for treatment of urinary tract and skin infections

Development Status: Launched 1986

Melting Point: Mp 246-248°

Calculated Log P Data: Log P -2.32 (calc)

Hazard & Toxicity: LD₅₀ (rat, ivn) 236 mg/kg. Exp. reprod. effects. Mutagenic props.

Sigma: E3764

>>>Derivative: Et ester

CAS Registry Number: 74011-30-6

Molecular Formula: C₁₇H₂₁FN₄O₃

Molecular Weight: 348.376

Accurate Mass: 348.159769

Percentage Composition: C 58.61%; H 6.08%; F 5.45%; N 16.08%; O 13.78%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 150-151°

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