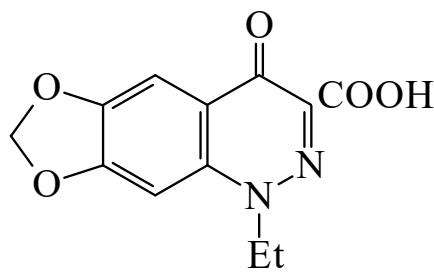




>>Entry Name: Cinoxacin, BAN, INN, JAN, USAN

Synonym(s): 1-Ethyl-1,4-dihydro-4-oxo[1,3]dioxolo[4,5-g]cinnoline-3-carboxylic acid, 9Cl, 8Cl. 1-Ethyl-1,4-dihydro-6,7-methylenedioxy-4-oxo-3-cinnolinecarboxylic acid. Azolinic acid. Cinobac. Cinobactin. Gugecin. Nofrin. Uronorm. Lilly 64716



CAS Registry Number: 28657-80-9

Molecular Formula: C₁₂H₁₀N₂O₅

Molecular Weight: 262.221

Accurate Mass: 262.058973

Percentage Composition: C 54.97%; H 3.84%; N 10.68%; O 30.51%

Use/Importance: Antibacterial agent

Physical Description: Light-tan cryst.

Melting Point: Mp 261-262 dec.°

Calculated Log P Data: Log P -0.28 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 4160 mg/kg. Exp. reprod. and teratogenic effects

Sigma: C8645

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