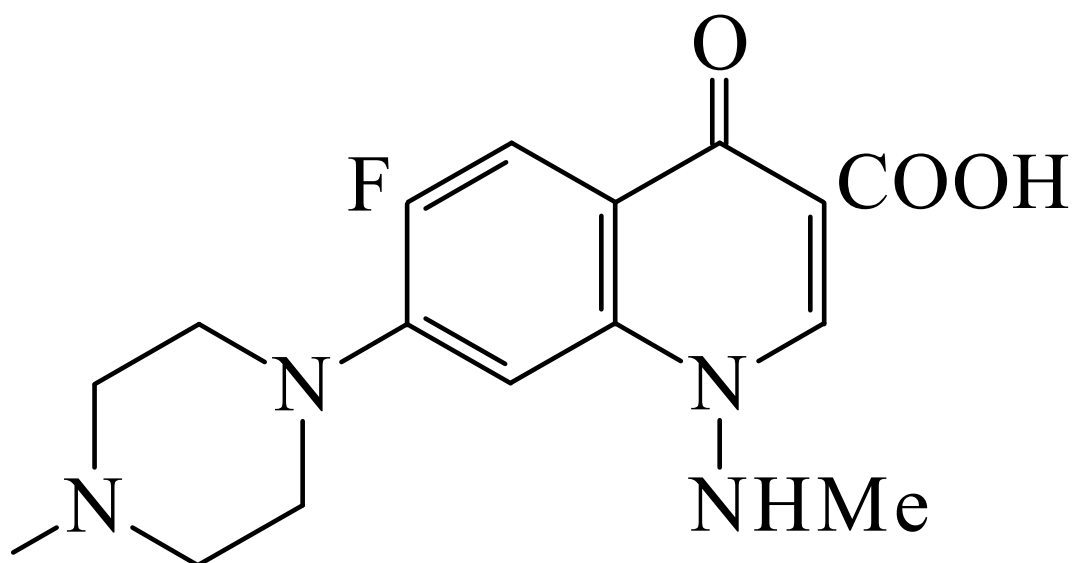




>>Entry Name: **Amifloxacin**, BAN, INN, USAN

Synonym(s): 6-Fluoro-1,4-dihydro-1-(methylamino)-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid, 9Cl. Win 49375



CAS Registry Number: 86393-37-5

Related CAS Registry Numbers(s): 88569-49-7 89990-96-5

Molecular Formula: C₁₆H₁₉FN₄O₃

Molecular Weight: 334.349

Accurate Mass: 334.144119

Percentage Composition: C 57.48%; H 5.73%; F 5.68%; N 16.76%; O 14.36%

Biological Use/Importance: Antibacterial agent

Physical Description: Cryst. (DMF)

Melting Point: Mp 229-301 dec.°

Calculated Log P Data: Log P -1.13 (uncertain value) (calc)

>>Derivative: Mesylate

Synonym(s): Amifloxacin mesylate, USAN. Win 49375-3

CAS Registry Number: 88036-80-0