



Formula: C₁₇H₁₉F₂N₃O₃

MW: 351.35

CAS: 98079-52-8

MDL NUMBER: MFCD00242673

IUPAC: 1-ethyl-6,8-difluoro-7-(3-methylpiperazinyl)-4-oxohydroquinoline-3-carboxylic acid

Smiles: c1(c(c2c(c(F)c(c(c2)F)N2CC(C)NCC2)n(c1)CC)=O)C(=O)O

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 3

DONORS: 2

ROTATION BONDS: 3

N+O: 6

Chiral Centers: 1

LogP: 0.74

LogS: -3.48

LIPINSKI: 4

Synonyms:

1,4-dihydro-6,8-difluoro-1-ethyl-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid monohydrochloride; bareon; ny198; sc-47111; 1-ETHYL-6,8-DIFLUORO-1,4-DIHYDRO-7-[3-METHYL-1-PIPERAZINYL]-4-OXO-3-QUINOLINECARBOXYLIC ACID HYDROCHLORIDE; LOMEFLOXACIN HCL; LOMEFLOXACIN HYDROCHLORIDE; Lomefloxacin HCL

CAS:98079-52-8

MF:C17H20ClF2N3O3

MW:387.81

EINECS:

Product Categories: Antibiotics for Research and Experimental Use; Biochemistry; Quinolones (Antibiotics for Research and Experimental Use); Intermediates & Fine Chemicals; Pharmaceuticals; Lomefloxacin Lomefloxacin hydrochloride

Chemical Properties: mp 290-300°C storage temp. -20°C Merck 5562

CAS DataBase Reference: 98079-52-8(

CAS DataBase Reference:) Xn Risk Statements 22 WGK Germany 3 RTECS VB1997500 Lomefloxacin hydrochloride

Usage And Synthesis:

Chemical Properties: White powder with no smell, bitter taste Usage Fluorinated quinolone antibacterial. DNA gyrase antagonist Lomefloxacin hydrochloride

