



Formula: C₁₄H₁₂FNO₃

MW: 261.25

CAS: 42835-25-6

MDL NUMBER: MFCD00079298

Smiles: c1(cn2c3c(cc(cc3c1=O)F)CCC2C)C(=O)O

Flumequine is a fluoroquinolone compound with antimicrobial activity against gram-negative organisms and is used in the treatment of enteric infections in food animals. It also has limited use in humans for the treatment of urinary-tract infections. Flume

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 3

DONORS: 1

ROTATION BONDS: 2

N+O: 4

Chiral Centers: 1

LogP: 1.82

LogS: -3.5

LIPINSKI: 4

Synonyms: 9-Fluoro-6,7-dihydro-5-methyl-1-oxo-1H,5H-benzo[ij]quinolizine-2-carboxylic acid;FLUMEQUIN;FLUMEQUINE;Fluoromethylquinoline;Flumequine solution;FLUMEQUINE STANDARD SOLUTION;FLUMEQUINE PESTANAL, 250 MG;Fluoromethyl

CAS:42835-25-6

MF:C14H12FNO3

MW:261.25

EINECS:255-962-6

Product Categories:Aromatics Compounds;Aromatics;Heterocycles;Intermediates & Fine Chemicals;Pharmaceuticals;Quinolones and Fluoroquinolones;A - KAntibiotics;Antibacterial;Antibiotics A to;Antibiotics A-FAntibiotics;Chemical Structure Class;Inhibits an EnzymeAntibiotics;Interferes with DNA SynthesisAntibiotics;Mechanism of Action;Spectrum of Activity;API's Flumequine

Chemical Properties: mp 253-255C storage temp. 0-6C Merck 13,4163 Stability:Stable. Incompatible with strong oxidizing agents.

CAS DataBase Reference: 42835-25-6(

CAS DataBase Reference:) Xi Risk Statements 36/37/38 Safety Statements 22-24/25-36/37/39-27-26 WGK Germany 3 F 10 Hazardous Substances Data42835-25-6(Hazardous Substances Data)

9-Fluoro-6,7-dihydro-5-methyl-1-oxo-1H,5H-benzo[ij]quinolizine-2-carboxylic acid Flumequine

Usage And Synthesis:

Chemical Properties: White Crystalline Solid UsageFluorinated quinolone antibacterial Flumequine

