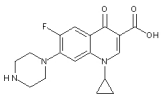

Formula: C17H18FN3O3

MW: 331.35

CAS: 85721-33-1

MDL NUMBER: MFCD00185755

IUPAC: 1-cyclopropyl-6-fluoro-4-oxo-7-piperazinylhydroquinoline-3-carboxylic acid

Smiles: C(c1c(c2cc(c(N3CCNCC3)cc2n(c1)C1CC1)F)=O)(O)=O

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 3

DONORS: 2

ROTATION BONDS: 3

N+O: 6

Chiral Centers: 0

LogP: 0.69

LogS: -3.45

LIPINSKI: 4

Synonyms:
1-cyclopropyl-6-fluoro-4-oxo-7-(1-piperazinyl)-1,4-dihydro-3-quinolinecarbox;3-quinolinecarboxylicacid,1,4-dihydro-1-cyclopropyl-6-fluoro-4-oxo-7-(1-piper;ciloxan;ciprobid;ciproiv;euciprin;CIPROBAY;CIPROFLOXACIN

CAS:85721-33-1

MF:C17H18FN3O3

MW:331.34

EINECS:

Product Categories:Active Pharmaceutical Ingredients;Intermediates & Fine Chemicals;Pharmaceuticals Ciprofloxacin

Chemical Properties: mp 255-257C storage temp. Store at 0-5C Merck 13,2337

CAS DataBase Reference: 85721-33-1(

CAS DataBase Reference:) EPA Substance Registry System3-Quinolinecarboxylic acid, 1-cyclopropyl-6-fluoro-1,4- dihydro-4-oxo-7-(1-piperazinyl)- (85721-33-1) Xi Risk Statements 36/37/38 Safety Statements 26-36 WGK Germany 2 RTECS VB1993800 Hazardous Substances Data85721-33-1(Hazardous Substances Data) Ciprofloxacin

Usage And Synthesis:

Chemical Properties: White Powder UsageFluorinated quinolone antibacterial Ciprofloxacin