



Formula: C13H11NO5

MW: 261.23

CAS: 14698-29-4

MDL NUMBER: MFCD00056775

IUPAC: 5-ethyl-8-oxo-5-hydro-2H-1,3-dioxoleno[4,5-g]quinoline-7-carboxylic acid

Smiles: c1(c(c2c(cc3c(c2)OCO3)n(c1)CC)=O)C(=O)O

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 5

DONORS: 1

ROTATION BONDS: 3

N+O: 6

Chiral Centers: 0

LogP: 0.14

LogS: -2.95

LIPINSKI: 4

Synonyms:

1-ethyl-1,4-dihydro-6,7-methylenedioxy-4-oxo-3-quinolinecarboxylicacid;1-ethyl-6,7-methylenedioxy-4-quinoline-3-carboxylicacid;1-ethyl-6,7-methylenedioxy-4-quinolone-3-carboxylicacid;5-g]quinoline-7-carboxylicacid,5-ethyl-5,8-dihydro-8-oxo-3-dioxolo(4;5-g]quinoline-7-carboxylicacid,5-ethyl-5,8-dihydro-8-oxo-3-dioxolo[4;dioxacin;emyrenil;gramurin

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EINECS:238-750-8

Product Categories:Heterocyclic Compounds;Heterocycles;Intermediates & Fine Chemicals;Pharmaceuticals;veterinary medicine,APIs,pharmaceutical raw material Oxolinic acid

Chemical Properties: mp 314-316C (dec.) storage temp. 2-8C Merck 13,7014 Stability:Stable. Combustible.

CAS DataBase Reference: 14698-29-4(

CAS DataBase Reference: ) EPA Substance Registry System1,3-Dioxolo[4,5-g]quinoline-7-carboxylic acid, 5-ethyl-5,8-dihydro-8-oxo- (14698-29-4) Xn Risk Statements 22 Safety Statements 22-24/25 WGK Germany 3 RTECS JI5075000 F 10 Hazardous Substances Data14698-29-4(Hazardous Substances Data) Oxolinic acid Oxolinic acid

Usage And Synthesis:

Chemical Properties: Crystalline Solid UsageQuinolone antibacterial. Oxolinic acid

