



Formula: C₁₉H₂₁FN₄O₆

MW: 420.4

CAS: 75507-68-5

MDL NUMBER: MFCD00941415

Smiles: OC(=O)/C=C/C(O)=O.CCOC(=O)Nc1ccc(NCc2ccc(F)cc2)nc1N

THERAPEUTIC CATEGORY: Flupirtine, an aminopyridine is a centrally acting nonopioid analgesic. It is available in Europe since 1984 and sold mainly under the names Katadolon, Trancolong and Metanor. It is unique as a non-opioid, non-NSAID, non-steroidal analgesic.

ACCEPTORS: 6

DONORS: 6

ROTATION BONDS: 7

N+O: 10

Chiral Centers: 0

LogP: 3.19

LogS: -4.18

LIPINSKI: 3

Synonyms: ethyl 2-amino-6-[(4-fluorobenzyl)amino]pyridine-3-carbamate compound with maleic acid (1:1);FLUPIRTINE

MALEATE;2-AMINO-6-[[4-(FLUOROPHENYL)METHYL]AMINO]-3-PYRIDINYL]-CARBAMIC ACID, ETHYL ESTER

MALEATE;Flupirtinemaleatelupirtine;Ethyl-2-amino-6-[(4-fluorbenzyl)amino]pyridin-3-carbamate, Verbindung mit Maleinsure

(1:1);Keiton;Ketadolon;N-[2-Amino-6-[[4-fluorophenyl)methyl]amino]-3-pyridinyl]carbamicacidethylestermaleate

CAS:75507-68-5

MF:C15H17FN4O2.C4H4O4

MW:420.4

EINECS:278-225-0

Product Categories:Other Potassium channel modulators;APIS Flupirtine maleate

Chemical Properties: storage temp. 2-8C

Safety Information: Safety Statements 22-24/25 Flupirtine maleate

Usage And Synthesis: Biological ActivityNon-opioid analgesic with muscle relaxant properties. Activates K⁺ channels and indirectly antagonizes NMDA receptors. Exhibits neuroprotective actions in a model of cerebral ischemia in mice and reduces apoptosis and necrosis induced by noxious stimuli. Flupirtine maleate

