

Product Name : Flupirtine

Synonyms : D-9998

Cat No. : M15076

CAS Number : 56995-20-1

Molecular Formula : C₁₅H₁₇FN₄O₂

Formula Weight : 304.32

Chemical Name : Carbamic acid, N-[2-amino-6-[[[(4-fluorophenyl)methyl]amino]-3-pyridinyl]-, ethyl ester

Description : A selective neuronal potassium channel (KCNQ/KV7 channel) activator that also has indirect NMDA receptor antagonist and GABAA receptor modulatory properties; a centrally acting non-opioid analgesic used as an analgesic for acute and chronic pain. Pain Discontinued

Pathway : Cell Cycle/DNA Damage

Target : Potassium Channel

Receptor : Potassium Channel

Solubility : 10 mM in DMSO

SMILES : CCOC(=O)NC1=C(N=C(C=C1)NCC2=CC=C(C=C2)F)N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Szelenyi I, et al. Inflamm Res. 2013 Mar;62(3):251-8. | 2. Harish S, et al. J Anaesthesiol Clin Pharmacol. 2012 Apr;28(2):172-7. | 3. Hedegaard ER, et al. J Pharmacol Exp Ther. 2016 Apr;357(1):94-102.

