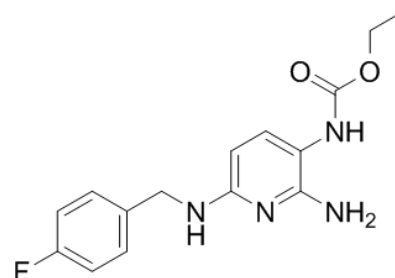


Product Name : Flupirtine
Cat. No. : PC-45127
CAS No. : 56995-20-1
Molecular Formula : C₁₅H₁₇N₄O₂
Molecular Weight : 304.3195
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

Flupirtine (D-9998) is a selective neuronal potassium channel (KCNQ/**KV7** channel) activator that also has indirect NMDA receptor antagonist and GABAA receptor modulatory properties.

Flupirtine is a centrally acting non-opioid analgesic used as an analgesic for acute and chronic pain.

References

Szelenyi I, et al. *Inflamm Res*. 2013 Mar;62(3):251-8.

Harish S, et al. *J Anaesthesiol Clin Pharmacol*. 2012 Apr;28(2):172-7.

Hedegaard ER, et al. *J Pharmacol Exp Ther*. 2016 Apr;357(1):94-102.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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