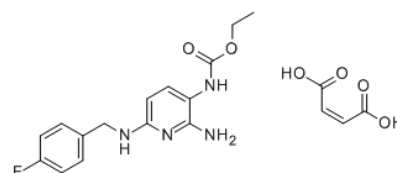


**Product Name** : Flupirtine maleate  
**Cat. No.** : PC-45126  
**CAS No.** : 75507-68-5  
**Molecular Formula** : C<sub>19</sub>H<sub>21</sub>N<sub>4</sub>O<sub>6</sub>  
**Molecular Weight** : 420.3916  
**Target** : Potassium Channel  
**Solubility** : DMSO: ≥ 40 mg/mL



## Biological Activity

Flupirtine maleate (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!**

E-mail: tech@probechem.com