

## Drug Status Report

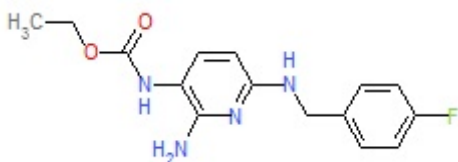
**Drug:** Flupirtine

**Drug Name Status:** Flupirtine is the INN.

**Chemical Name:** [2-amino-6-[[[(4-fluorophenyl)methyl]amino]-3-pyridinyl] carbamic acid ethyl ester

**Other Names:** 2-amino-6-[(p-fluorobenzyl)amino]-3-pyridinecarbamic acid ethyl ester

**Chemical structure:**



**Molecular Formula:** C<sub>15</sub>H<sub>17</sub>FN<sub>4</sub>O<sub>2</sub>

**Pharmacological class / Application:** non-opioid analgesic

**International status:**

US: The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Flupirtine is a non-opioid analgesic and is not listed in any of the schedules to the CDSA, or similar to any of the substances listed in the schedules to the CDSA. The drug is described as belonging to a unique class of nonsteroidal analgesics that provides effective pain relief without antipyretic or antiphlogistic properties<sup>1</sup>.

**Recommendation:**

Flupirtine is not included in the schedules to the CDSA and is not considered a controlled substance.

December 9<sup>th</sup>, 2009.

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<sup>1</sup>C Klawe and M Maschke (2009) Flupirtine: Pharmacology and clinical applications of a nonopioid analgesic and potentially neuroprotective compounds, Expert Opinion on Pharmacotherapy, **10**:1495-1500.