

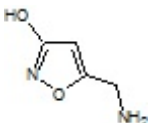
## Drug Status Report

**Drug:** Muscimol

**Drug Name Status:** Muscimol is the common name.

**Chemical Name:** 5-(Aminomethyl)isoxazol-3-ol

**Chemical structure:**



**Molecular Formula:** C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>

**Pharmacological class / Application:** GABA agonist

**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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Muscimol is not listed on the schedules to the CDSA and is not similar to a substance listed on the CDSA. It is one of the toxins found in the mushroom, *Amanita muscaria*, commonly known as the fly agaric or fly Amanita. Fly agaric was reviewed in 2003 and it was concluded that the plant and its constituents are not controlled substances.

Recommendation: Muscimol is not included in the schedules to the CDSA and is neither a controlled substance nor a precursor.

June 25, 2009