Drug Status Report

**Drug:** Indoleacetic acid

**Drug Name Status:** Indoleacetic acid is the common name.

**Chemical Name:** 1H-indole-3-acetic acid

**Other Names:** Indol-3-ylacetic acid; indole-3-acetic acid

**Chemical structure:**

![Chemical Structure of Indoleacetic Acid]

**Molecular Formula:** C$_{10}$H$_{9}$NO$_2$

**Pharmacological class / Application:** Phytohormone

**International status:**

US: Indoleacetic acid is not currently listed on the schedules to the US Controlled Substances Act 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 Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances Under International Control.

Canadian Status: Indoleacetic acid is a phytohormone which is involved in the regulation of plant growth$^{1,2}$. The substance is not currently listed in the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Recommendation: Indoleacetic acid is not included in the schedules CDSA and is not a controlled substance.

July 13$^{th}$ 2010.

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$^{1}$Walz, A. et al. (2002) A gene encoding a protein modified by the phytohormone indoleacetic acid, Prot Nat Acad Sci., 99:1718-1723