Drug Status Report

**Drug:** 2,4-Diaminopyrimidine-3-oxide (I)

**Drug Name Status:** 2,4-Diaminopyrimidine-3-oxide is the common name.

**Other Names:** Kopexil

**Chemical Name:** 2,3-Dihydro-3-hydroxy-2-imino-4-pyrimidinamine

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** \( \text{C}_4\text{H}_6\text{N}_4\text{O} \)

**Pharmacological class / Application:** fine chemical

**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:** 2,4-Diaminopyrimidine-3-oxide is not listed on the schedules to the CDSA and is not similar to a substance listed on the CDSA. It is structurally similar to the substance used in hair restoration - minoxidil (structure above).

**Recommendation:** 2,4-Diaminopyrimidine-3-oxide is not included in the schedules to the CDSA and is neither a controlled substance nor a precursor.

May 29, 2009