

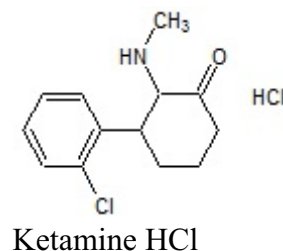
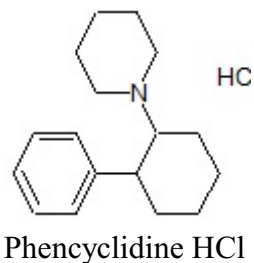
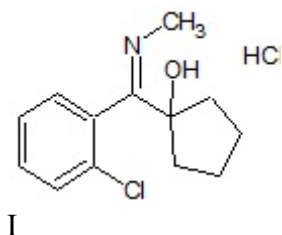
## Drug Status Report

**Drug:** Hydroxyimine hydrochloride (I)

**Drug Name Status:** Hydroxyimine hydrochloride is the common name.

**Chemical Name:** 1-[(2-Chlorophenyl)-N-(methylimino)methyl]cyclopentanol hydrochloride

**Chemical structure:**



**Molecular Formula:** C<sub>13</sub>H<sub>16</sub>ClNO. HCl

**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: "Phencyclidine (1-(1-Phenylcyclohexyl)piperidine), its salts, derivatives and analogues and salts of derivatives and analogues" is item 14 of Schedule I to the CDSA.

Ketamine (structure above) is included as subitem 1 as an analogue of phencyclidine (structure above). Hydroxyimine hydrochloride is an immediate synthetic precursor to ketamine<sup>1</sup>.

However, it cannot be considered an analogue of phencyclidine and therefore is not included in item 14 of Schedule I. Hydroxyimine hydrochloride is not similar to any other substance listed on the schedules to the CDSA.

Recommendation: Hydroxyimine hydrochloride is not included in the schedules to the CDSA; it is neither a controlled substance nor a precursor.

June 1, 2009

---

<sup>1</sup> <http://www.erowid.org/archive/rhodium/chemistry/pcp/ketamine.html>