STATUS DECISION OF CONTROLLED 
AND NON-CONTROLLED SUBSTANCE(S)

Substance: 2-(Hydroxyimino)-5,6-(methylenedioxy)-1-indanone

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled ☐
Not Controlled ✓

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

• The substance is not structurally similar to any of the substances included in the schedules to the CDSA.

Prepared by: ____________________________ Date: June 23, 2011
Zack Li

Verified by: ____________________________ Date: __________
Mark Kozlowski

Approved by: ____________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: "third party information removed as per agreement with applicant"
Drug Status Report

**Drug**: 2-(hydroxyimino)-5,6-(methylene dioxy)-1-indanone

**Drug Name Status**: 2-(hydroxyimino)-5,6-(methylenedioxy)-1-indanone is common (INN) name.

**Chemical Name**: 2-(hydroxyimino)-5,6-(methylenedioxy)-1-indanone

**Other Names**: 5H-Indeno[5,6-d]-1,3-dioxole-5,6(7H)-dione 6-Oxime

**Chemical structure**:

![Chemical structure image]

**Molecular Formula**: $\text{C}_{10}\text{H}_7\text{NO}_4$

**CAS RN**: 38489-93-9

**Pharmacological class / Application**: Pharmaceutical-related substance

**International status**:

US: The substance 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: 2-(hydroxyimino)-5,6-(methylene dioxy)-1-indanone is an organic compound used in the synthesis of pharmaceutical drugs such as the anticancer drug papilistatin. The

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substance is not currently listed in the CDSA and is not similar in structure to any of those listed in the Schedules to the CDSA.

Recommendation: 2-(hydroxyimino)-5,6-(methylenedioxy)-1-indanone is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** June 23, 2011