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

Substance:  (E)-3-(1,3-benzodioxol-5-yl)-propenoic acid

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 listed in the Schedules to the CDSA and is not similar to any of the substances included in 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:** (E)-3-(1,3-benzodioxol-5-yl)-2-propenoic acid

**Drug Name Status:** (E)-3-(1,3-benzodioxol-5-yl)-2-propenoic acid is the common name.

**Chemical Name:** (E)-3-(1,3-benzodioxol-5-yl)-2-propenoic acid

**Chemical structure:**

![Chemical structure](image)

**Other Names:** (E)-3,4-(Methylenedioxy)cinnamic acid; 3-(3,4-methylenedioxyphenyl)-2E-propenoic acid; trans-3,4-(methylenedioxy)cinnaminic acid

**Chemical formula:** $C_{10}H_{8}O_4$

**CAS RN:** 38489-76-8

**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: (E)-3-(1,3-benzodioxol-5-yl)-propenoic acid is an aromatic carboxylic acid used as an ovipositional deterrent of the onion fly\(^1\). It is not listed in the CDSA and is not structurally similar to any of the substances included in the Schedules to the CDSA. Its analogue, trans-4-hydroxy-3-methoxycinnamic acid was also previously reviewed and was found not controlled under the CDSA.

Recommendation: (E)-3-(1,3-benzodioxol-5-yl)-propenoic acid is not included in the schedules CDSA and is not a controlled substance.

**Date:** June 23, 2011

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