



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

Substance: 3,4-Methylenedioxy propiophenone

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 a starting material in the synthesis of N-Demethyl methylene Hydrochloride and cannot be included in the Schedules to the CDSA.

Prepared by: _____
Evelyn C Soo

Date: October 18th 2010

Verified by: _____
Marianne Tang

Date: _____

Approved by: _____
DIRECTOR, OFFICE OF CONTROLLED
SUBSTANCES

Date: _____

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

Drug Status Report

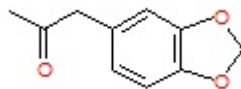
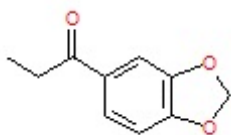
Drug: 3,4-Methylenedioxy propiophenone

Drug Name Status: 3,4-Methylenedioxy propiophenone is the common name.

Chemical Name: 1-(1,3-benzodioxol-5-yl)-1-propanone

Other Names: 3',5'-(methylenedioxy) propiophenone

Chemical Structure:



3,4-methylenedioxyphenyl-2-propanone

Molecular Formula: C₁₀H₁₀O₃

CAS-RN: 28281-49-4

Pharmacological class / Application: Fine chemical

International status:

US: The substance is not listed specifically in the CSA and is not mentioned anywhere 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: 3,4-Methylenedioxy propiophenone is reported to be a starting material in the synthesis of N-demethyl methylone hydrochloride, which is currently controlled under item 1 of Schedule III to the CDSA. While the substance displays significant structural similarity to 3,4-methylenedioxyphenyl-2-propanone, which is listed as item 9 in Part 1 of Schedule VI to the CDSA and considered a Class A precursor, there is no provision for inclusion of the substance under 3,4-methylenedioxyphenyl-2-propanone in the CDSA. The substance also cannot be included under any of the other items in the schedules to the CDSA.

Recommendation: 3,4-Methylenedioxy propiophenone is not included in the schedules to the

CDSA and is not a controlled substance.

Date: October 18th 2010