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

Substance: 3,4-methylenedioxy-N-methylphenethylamine

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):

- 3,4-methylenedioxy-N-methylphenethylamine cannot be included under Schedule III to the CDSA as an analogue of the amphetamines.

Prepared by: ____________________________ Date: February 13th, 2012

Vincent Marleau

Verified by: ____________________________ Date: __________

Mark Kozlowski

Approved by: ____________________________ Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Marnie Burr
Drug Status Report

Drug: 3,4-methylenedioxy-N-methylphenethylamine

Drug Name Status: Homarylamine is the common name.

Chemical Name: N-Methyl-3,4-methylenedioxyphenethylamine

Other Names: N-Methyl-1,3-benzodioxol-5-ethylamin; Homarilamina; MDMPEA.

Chemical structure:

Molecular Formula: C$_{10}$H$_{13}$NO$_2$

Pharmacological class / Application: Antitussive

CAS-RN: 451-77-4

International status:

US: 3,4-methylenedioxy-N-methylphenethylamine is not listed in the US Controlled Substances Act 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-N-methylphenethylamine is not currently listed in the CDSA. The substance displays significant structural similarities to 4-bromo-2,5-dimethoxybenzeneethanamine, which is listed under Item 24 of Schedule III under the heading “4–bromo–2,5–dimethoxybenzeneethanamine and any salt, isomer or salt of isomer thereof”. As the analogues of 4-bromo-2,5-dimethoxybenzeneethanamine are not captured under the heading, 3,4-methylenedioxy-N-methylphenethylamine cannot be included under Item 24 of Schedule III to the CDSA.

Recommendation: 3,4-methylenedioxy-N-methylphenethylamine is not included under Schedule III to the CDSA and is not a controlled substance.

Date: February 13th, 2012.