Health Canada Santé Canada

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

Substance: N-Allylmethylone

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 an analogue of N,N-Dimethyl-3,4-methylenedioxyamphetamine and included under item 1 of Schedule III to the CDSA.

Prepared by: _____ Date: March 2nd, 2012
Evelyn C Soo

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

**This status was requested by:** Marnie Burr, DAS

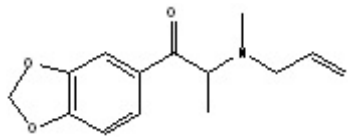
# Drug Status Report

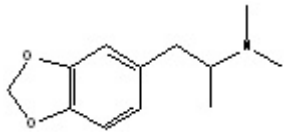
**Drug:** N-Allylmethylone

**Drug Name Status**: N-Allylmethylone is the common name.

**Chemical Name:** 2-(Allyl-methylamino)-1-(3,4-methylenedioxyphenyl)propan-1-one

**Chemical structure:**





***N,N-Dimethyl-3,4-methylenedioxyamphetamine***

**Molecular Formula:** $C_{14}H_{19}NO_2$

**Pharmacological class / Application:** Amphetamine analogue

**CAS-RN:** Unknown

**International status**:
US: N-Allylmethylone is not listed in the Schedules to 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: N-Allylmethylone is not listed in the schedules to the CDSA. The substance belongs to the family of cathinones and shows substantial structural similarity to N,N-dimethyl-3,4-methylenedioxyamphetamine, which is currently listed as sub-item 1(12) in Schedule III to the CDSA under the heading "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:" For the purpose of forming status decisions, an analogue is a substance that displays substantial structural similarity to a controlled substance. On that basis, N-allylmethylone is considered to be an analogue of N,N-dimethyl-3,4-methylenedioxyamphetamine and included under item 1 of Schedule III to the CDSA.

**Recommendation:** N-Allylmethylone is included under item 1 of schedule III to the CDSA and is a controlled substance.

**Date:** March 2nd, 2012.