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

Substance: 2-(Methylamino)-3',4'-(methylenedioxy)valerophenone

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 amphetamine analogue and therefore included under item 1 of Schedule III to the CDSA.

Prepared by: ___________________________ Date: Oct 19th 2010
Evelyn Soo

Verified by: ___________________________ Date: __________
Marianne Tang

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-(Methylamino)-3',4'-(methyleneedioxy)valerophenone

**Drug Name Status:** 2-(Methylamino)-3',4'-(methyleneedioxy)valerophenone is the common name

**Chemical Name:** 1-(1,3-Benzodioxol-5-yl)-2-(methylamino)-1-pentanone

**Chemical structure:**

![Chemical structures of Methylone and MDMA](image)

**Molecular Formula:** C\textsubscript{13}H\textsubscript{17}NO\textsubscript{3}

**Pharmacological class / Application:** Amphetamine analogue

**CAS-RN:** 17763-01-8

**International status:**

US: The substance is not listed specifically in the 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 2-(Methylamino)-3',4'-(methyleneedioxy)valerophenone is not listed in the schedules to the CDSA. However, its chemical structure is of significant similarity to methylone and of MDMA which is current listed under item 1(9) of Schedule III to the CDSA, under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues.” As amphetamine analogue, the substance must also be included under item 1 of Schedule III to the CDSA. The hydrochloride salt would have the same status.

**Recommendation:** 2-(Methylamino)-3',4'-(methyleneedioxy)valerophenone is included under item 1 of Schedule III to the CDSA and is a controlled substance.

**Date:** 19 October 2010