Status Decision of Controlled and Non-Controlled Substance(s)

Substance: 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP)

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):

- 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP) is a structural analogue of 4-methylamphetamine and therefore is included under item 1 of Schedule III to the CDSA.

Prepared by: _______________________________ Date: November 30th 2011
Evelyn C Soo

Verified by: _______________________________ Date: __________
Mark Kozlowski

Approved by: _______________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: CBSA, Julie Delahunt
Drug Status Report

Drug: 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP)

Drug Name Status: 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP) is the common name.

Chemical Name: 1-(4-methyl-phenyl-2-(1-pyrrolidinyl)-1-propanone

Chemical structure:

Molecular Formula: $C_{14}H_{19}NO$

Pharmacological class / Application: Stimulant

CAS-RN: 1313393-58-6

International status:

US: 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP) 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: 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP) is not listed specifically in the schedules to the CDSA. The substance is a designer stimulant drug related to alpha-pyrrolidinopropiophenone (a-PPP) which was previously reviewed and considered included under item 1 of Schedule III to the CDSA as an analogue of amphetamine. As shown above, MPPP is considered to display substantial structural similarity to 4-methylamphetamine, and
therefore included under item 1 of Schedule III to the CDSA as an analogue of 4-methylamphetamine.

**Recommendation:** 4-Methyl-alpha-pyrrolidinopropiophenone (MPPP) is included under item 1 of Schedule III to the CDSA and is a controlled substance.

**Date:** November 30th, 2011