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

Substance: 4-Methyl Buphedrone Hydrochloride

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 4-methylmethamphetamine and is included under Item 1 of Schedule III to the CDSA.

Prepared by: ___________________________________________ Date: January 12th, 2012
Vincent Marleau

Verified by: ___________________________________________ Date: __________
Mark Kozlowski

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:** 4-Methyl Buphedrone Hydrochloride

**Drug Name Status:** 4-Methyl Buphedrone Hydrochloride is the common name.

**Chemical Name:** 2-(Methylamino)-1-(4-methylphenyl)-1-butanone Hydrochloride

**Other name:** 4-Me MABP

![Chemical structure](image)

**Molecular Formula:** C_{12}H_{18}ClNO

**Pharmacological class / Application:** Stimulant

**CAS-RN:** 1336911-98-8

**International status:**

US: 4-Methyl Buphedrone Hydrochloride 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 Buphedrone Hydrochloride is not listed specifically in the CDSA. The substance shows substantial structure similarity to the designer amphetamine, 4-methylmethamphetamine, which was previously reviewed and included under Item 1 of 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 a status decision, substances that are substantially similar in structure to a controlled substances are considered analogues. It is noteworthly that the inclusion of this substance under schedule III is consistent with other controlled cathinones. Since analogues of the amphetamines are captured in the item heading, 4-methyl buphedrone hydrochloride must be included under Item 1 of Schedule III to the CDSA and is a controlled substance.

**Recommendation:** 4-Methyl Buphedrone Hydrochloride is included under item 1 of Schedule III to the CDSA and is a controlled substance.
Date: January 12th, 2012