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

Substance: alpha-Pyrrolidinobutiophenone hydrochloride

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled  X
- Not Controlled  ☐

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance considered an amphetamine analogue and is included under Item 1 of Schedule III to the CDSA.

Prepared by: ___________________________ Date: ________________
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: alpha-Pyrrolidinobutiophenone hydrochloride

Drug Name Status: alpha-Pyrrolidinobutiophenone hydrochloride is the common name.

Chemical Name: 1-phenyl-2-(pyrrolidin-1-yl)butan-1-one

Other Names: A-PBP

Chemical structure:

![Chemical structure images]

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

CAS-RN: 13415-54-8

Pharmacological class / Application: Stimulant

International status:

US: alpha-Pyrrolidinobutiophenone hydrochloride is not listed specifically 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: alpha-Pyrrolidinobutiophenone hydrochloride is not listed in the schedules to the CDSA. This substance is considered substantially similar in structure, and therefore an analogue, to amphetamine, which is listed as sub-item 1(1) of Schedule III to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues”. For the purpose of forming status decisions, a substance which displays substantial structural similarity to a controlled substance is considered an analogue. It is noteworthy to mention that the status of other structurally similar substances have been reviewed eg. alpha-pyrrolidinopropiophenone(a-PPP) and beta-Keto-Methylbenzodioxoxylbutanamine (bk-MBDB) and these have also been considered amphetamine analogues.

Recommendation: alpha-Pyrrolidinobutiophenone hydrochloride is included under item 1 of Schedule III to the CDSA and is a controlled substance.
Date: May 9th, 2012.