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

Substance: (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone

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 a cannabinoid receptor agonist and included under item 1 of Schedule II to the CDSA.

Prepared by: ________________________________ Date: December 8th, 2011
Evelyn C Soo

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: (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone

Drug Name Status: (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone is the chemical name.

Chemical Name: (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone

Chemical structure:

Molecular Formula: C_{21}H_{29}NO

Pharmacological class / Application: Cannabinoid receptor agonist

CAS-RN: Unknown

International status:

US: (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone 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: (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone is not listed specifically in the CDSA. The substance was originally synthesized by Abbott Laboratories and has been reported in the scientific literature to be a potent, full agonist of the cannabinoid
receptor\textsuperscript{1}. Cannabinoid receptor agonists have been declared to be included under item 1 of Schedule II to the CDSA while cannabinoid receptor antagonists have been declared excluded from Schedule II. Given that the substance is an efficacious cannabinoid receptor agonist, it must be included as a similar synthetic preparation under item 1 “Cannabis, its preparations, derivatives and similar synthetic preparations, including” of Schedule II to the CDSA.

**Recommendation:** (1-Pentylinol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone is included under item 1 of Schedule II to the CDSA and is a controlled substance.

**Date:** December 8th, 2011