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

Substance: A-834735

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

Prepared by: ___________________________ Date: 23 March 2012
Evelyn C Soo

Verified by: ___________________________ Date: ________________
Mark Kozlowski

Approved by: ___________________________ Date: ________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Nacer Silarbi, OCS
Drug Status Report

Drug: A-834735

Drug Name Status: A-834735 is the common name.

Chemical Name:
1-(Tetrahydro-pyran-4-ylmethyl)-1H-indol-3-yl]-(2,2,3,3-tetramethyl-cyclopropyl)-methanone

Chemical structure:

Molecular Formula: C_{22}H_{29}NO_{2}

Pharmacological class / Application: Synthetic cannabinoid

CAS-RN: Unknown

International status:

US: A-834735 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: A-834735 is not listed in the Schedules to the CDSA. The substance has been reported in the scientific literature to be a non-selective agonist of the cannabinoid CB₁ and CB₂ receptors with an efficacy that is greater than 90% of that reported for the potent cannabinoid receptor agonist CP 55,940 based on cyclase functional assays. Cannabinoid receptor agonists have been declared to fall under item 1 of Schedule II to the CDSA whereas cannabinoid receptor antagonists have been declared excluded from the CDSA. Given that A-834735 is a potent, cannabinoid receptor agonist, the substance must be included under the heading “Cannabis, its

preparations, derivatives and similar synthetic preparations, including” of item 1 of Schedule II to the CDSA.

**Recommendation:** A-834735 is included under item 1 of Schedule II to the CDSA and is a controlled substance.

**Date:** March 23rd, 2012.