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

Substance: CB 65

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 synthetic cannabinoid with potent CB₂ cannabinoid receptor agonist activity and therefore included under item 1 of Schedule II 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: CB 65

Drug Name Status: CB 65 is the common name.

Chemical Name: 7-chloro-N-cyclohexyl-1-(2-morpholinoethyl)-4-oxo-1,4-dihydroquinoline-3-carboxamide

Other Names: CB-65; N-Cyclohexyl-7-chloro-1-[2-(4-morpholinyl)ethyl]quinolin-4(1H)-one-3-carboxamide.

Chemical structure:

\[
\begin{array}{c}
\text{Chemical structure image}
\end{array}
\]

Molecular Formula: C_{26}H_{24}O_{2}  
CAS-RN: N/A

Pharmacological class / Application: Synthetic cannabinoid

International status:

US: CB 65 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: CB 65 is not listed specifically in the CDSA. The substance is a synthetic cannabinoid which has been found to demonstrate agonist activity at the CB2 cannabinoid receptor\(^1\) in vitro. Cannabinoid receptor agonists are currently included under the heading “Cannabis, its preparations, derivatives and similar synthetic preparations” of item 1 in Schedule II to the CDSA, whereas cannabinoid receptor antagonists are specifically excluded. Given that CB 65 demonstrates cannabinoid receptor agonist activity, it must be included under item 1 of Schedule II to the CDSA.

Recommendation: CB 65 is included in item 1 of Schedule II to the CDSA and is a controlled substance.

Date: June 5th, 2012.