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

Substance: JWH-206

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

- Controlled ☐
- Not Controlled X

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

- There are no reports that the substance is efficacious cannabinoid receptor agonist and therefore it cannot be 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: Lehli Pour, Drug Analysis Service
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Drug Status Report

Drug: JWH-206

Drug Name Status: JWH-206 is the common name.

Chemical Name: 2-(4-chlorophenyl)-1-(1-pentyl-1H-indol-3-yl)-ethanone

Other Names: JWH 203 4-chloro isomer; 2-(4-chlorophenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone.

Chemical structure:

Molecular Formula: C₂₁H₂₂ClNO  CAS-RN: 864445-58-9

Pharmacological class / Application: Synthetic cannabinoid

International status:

US: JWH-206 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: JWH-206 is not listed in the schedules to the CDSA. The substance is a synthetic cannabinoid and is an isomer of JWH-203, which was previously reviewed and not included under item 1 of Schedule II to the CDSA and due to lack of information on whether it is a potent cannabinoid receptor agonist. JWH-206 has been reported to display low binding affinities for the CB₁ and CB₂ receptors (Ki of 389 ± 25 and 498 ± 37 nM respectively)¹ and there is presently no reports on the efficacy of the substance as a cannabinoid receptor agonist in the scientific literature. Therefore, JWH-206 cannot be included under the heading “Cannabis, its preparations, derivatives and similar synthetic preparations” of item 1 in Schedule II to the CDSA.

Recommendation: JWH-206 is not included in the Schedules to the CDSA and is not a controlled substance.

Date: July 12th, 2012.