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

Substance: JWH-175 and JWH-072

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):

- The efficacy of JWH-175 and JWH-082 as cannabinoid receptor agonists have not been established and therefore the substances cannot be included under item 1 of Schedule II to the CDSA.

Prepared by: ___________________________ Date: 27th March 2012

Evelyn Soo

Verified by: ___________________________ Date: __________

Mark Kozlowski

Approved by: ___________________________ Date: ______________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Ken Seto, Inspectorate
Drug Status Report

Drug: I - JWH-175  
II - JWH-072

Drug Name Status: I - JWH-175  
II - JWH-072 are the common names.

Chemical Name: I - 3-(1-Pentylindole)-1-naphthylmethane  
II - 1-propyl-3-(1-naphthoyl)indole

Other Names: I – N/A  
II – 1-Naphthalenyl(1-propyl-1H-indol-3-yl)-methanone

Chemical structure:

I  
II

Molecular Formula: I - C_{24}H_{25}N; II - C_{22}H_{19}NO

Pharmacological class / Application: Synthetic Cannabinoids


International status:

US: JWH-175 and JWH-072 are not listed in the Schedules to the US Controlled Substances Act (CSA) and are not mentioned anywhere on the DEA website.

United Nations: The substances are 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-175 and JWH-072 are not listed in the Schedules to the CDSA. JWH-175 has been reported to bind to the CB₁ cannabinoid receptor whereas JWH-072 has an affinity for both the CB₁ and CB₂ cannabinoid receptors. However, the efficacy of these two substances as cannabinoid receptor agonists is unknown. Cannabinoid receptor agonists have been declared

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included under the heading “Cannabis, its preparations, derivatives and similar synthetic preparations, including” of item 1 of Schedule II to the CDSA whereas cannabinoid receptor antagonists have been specifically excluded. Since there is no information on the efficacy of these substances as cannabinoid receptor agonists, JWH-175 and JWH-072 cannot be included under item 1 of Schedule II to the CDSA.

**Recommendation:** JWH-175 and JWH-072 are not included in the schedules to the CDSA and are not controlled substances.

**Date:** March 27th, 2012.