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

Substance: JWH 018 2’-naphthyl-N-(3-methylbutyl) isomer

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 an efficacious cannabinoid receptor agonist and therefore it cannot be included under item 1 of Schedule II to the CDSA.

Prepared by: ______________________________________ Date: ______________

Zack Li

Verified by: ___________________________ Date: ______________

Mark Kozlowski

Approved by: ___________________________ Date: ______________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Lehli Pour, DAS
Drug Status Report

Drug: JWH 018 2'-naphthyl-N-(3-methylbutyl) isomer

Drug Name Status: JWH 018 2'-naphthyl-N-(3-methylbutyl) isomer is the common name.

Chemical Name: (1-isopentyl-1H-indol-3-yl)(naphthalen-2-yl)methanone

Chemical structure:

Molecular Formula: C_{24}H_{23}NO  
CAS-RN: N/A

Pharmacological class / Application: Synthetic cannabinoid

International status:

US: JWH 018 2'-naphthyl-N-(3-methylbutyl) isomer 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 018 2'-naphthyl-N-(3-methylbutyl) isomer is not listed in the schedules to the CDSA. The substance is a synthetic cannabinoid which has been encountered in “herbal incense” products that are used for recreational purposes. There is presently no information in the scientific literature on the efficacy of JWH 018 2'-naphthyl-N-(3-methylbutyl) isomer as a cannabinoid receptor agonist. Therefore, JWH 018 2'-naphthyl-N-(3-methylbutyl) isomer 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 018 2'-naphthyl-N-(3-methylbutyl) isomer is not included in the Schedules to the CDSA and is not a controlled substance.

Date: July 27th, 2012.