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

Substance: I- JWH-122 2-Methylnaphthyl isomer
II- JWH-122 6-Methylnaphthyl isomer
III- JWH-122 7-Methylnaphthyl isomer
IV- JWH-122 8-Methylnaphthyl 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 substances are efficacious cannabinoid receptor agonists and therefore they 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
Drug Status Report

Drug:
I- JWH-122 2-Methylnaphthyl isomer  
II- JWH-122 6-Methylnaphthyl isomer  
III- JWH-122 7-Methylnaphthyl isomer  
IV- JWH-122 8-Methylnaphthyl isomer

Drug Name Status:
I- JWH-122 2-Methylnaphthyl isomer  
II- JWH-122 6-Methylnaphthyl isomer  
III- JWH-122 7-Methylnaphthyl isomer  
IV- JWH-122 8-Methylnaphthyl isomer are the common names.

Chemical Name:
I- (2-methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone  
II- (6-methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone  
III- (7-methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone  
IV- (8-methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone

Chemical structure:

Molecular Formula:  I- C_{25}H_{25}NO; II- C_{25}H_{25}NO; III- C_{25}H_{25}NO; IV- C_{25}H_{25}NO

Pharmacological class / Application:  Synthetic cannabinoid

CAS-RN:  I- N/A; II- N/A; III- 824960-56-7; IV- N/A

International status:
US:  JWH-122 2-methylnaphthyl isomer, JWH-122 6-methylnaphthyl isomer, JWH-122 7-methylnaphthyl isomer and JWH-122 8-methylnaphthyl isomer are not listed specifically in the Schedules to the US Controlled Substances Act 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-122 2-methylnaphthyl isomer, JWH-122 6-methylnaphthyl isomer, JWH-122 7-methylnaphthyl isomer and JWH-122 8-methylnaphthyl isomer are not listed in the schedules to the CDSA. The substances are synthetic cannabinoids and are isomers of JWH-122 which is commonly encountered in “herbal incense” products used for recreational purposes. While JWH-122 is included under item 1 of Schedule II to the CDSA, there is presently no information on the efficacy of these substances as cannabinoid receptor agonists. In addition, isomers are not captured by the item heading therefore JWH-122 2-methylnaphthyl isomer, JWH-122 6-methylnaphthyl isomer, JWH-122 7-methylnaphthyl isomer and JWH-122 8-methylnaphthyl 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-122 2-methylnaphthyl isomer, JWH-122 6-methylnaphthyl isomer, JWH-122 7-methylnaphthyl isomer and JWH-122 8-methylnaphthyl isomer are not included in the Schedules to the CDSA and are not controlled substances.

**Date:** July 11th, 2012.