Health Canada
Santé Canada

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

Substance: JWH-122 5-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 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: _____
Evelyn Soo

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"

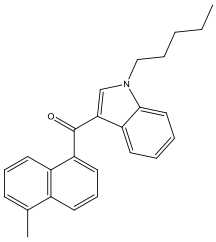
Drug Status Report

Drug: JWH-122 5-Methylnaphthyl isomer

Drug Name Status: JWH-122 5-Methylnaphthyl isomer is the common name.

Chemical Name: (5-methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone

Chemical structure:



Molecular Formula: $C_{25}H_{25}NO$

Pharmacological class / Application: Synthetic cannabinoid

CAS-RN: Unknown

International status:

US: JWH-122 5-Methylnaphthyl 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-122 5-Methylnaphthyl isomer is not listed in the schedules to the CDSA. The substance is a synthetic cannabinoid and an analogue 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 the 5-methylnaphthyl isomer as a cannabinoid receptor agonist. Therefore, JWH-122 5-methylnaphthyl 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 5-Methylnaphthyl is not included in the Schedules to the CDSA and is not a controlled substance.

Date: May 24th, 2012.