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

Substance: XLR11 N-(3-fluoropentyl) 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 is currently no information in the scientific literature regarding the efficacy of the substance as a cannabinoid receptor agonist and therefore it cannot be included under item 1 of Schedule II to the CDSA.

Prepared by: ____________________________ Date: _________________

Evelyn C Soo

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:** XLR11 N-(3-fluoropentyl) isomer

**Drug Name Status:** XLR11 N-(3-fluoropentyl) isomer is the common name.

**Chemical Name:** 1-(3-Fluoropentyl)-1H-indol-3yl(2,2,3,3-tetramethylcyclopropyl)methanone

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** C_{21}H_{28}FNO

**Pharmacological class / Application:** Synthetic cannabinoid

**CAS-RN:** Unknown

**International status:**

US: XLR11 N-(3-fluoropentyl) 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: XLR11 N-(3-fluoropentyl) isomer is not listed in the Schedules to the CDSA. The substance is an isomer of XLR11, a synthetic cannabinoid which is emerging as a new designer drug and not currently included under item 1 of Schedule II to the CDSA. “Cannabis, its preparations, derivatives and similar synthetic preparations including” are currently listed as item 1 of Schedule II to the CDSA. However, since there is currently no information in the scientific literature on the efficacy of XLR11 N-(3-fluoropentyl) isomer as a cannabinoid receptor agonist, it cannot be included under item 1 of Schedule II to the CDSA.

**Recommendation:** XLR11 N-(3-fluoropentyl) isomer is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** November 30th, 2012.

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