Drug Status Report

**Drug:** 5-(1,1-Dimethyloctyl)-2-(3-hydroxycyclohexyl)phenol

**Drug Name Status:** 5-(1,1-Dimethyloctyl)-2-(3-hydroxycyclohexyl)phenol is the chemical name.

**Chemical Name:** 5-(1,1-Dimethyloctyl)-2-(3-hydroxycyclohexyl)phenol

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** C_{22}H_{36}O_{2}

**Pharmacological class / Application:** cannabinoid

**International status:**

US: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 5-(1,1-Dimethyloctyl)-2-(3-hydroxycyclohexyl)phenol is a synthetic substance that has been assessed in four cannabinoid behavioural evaluations and found to be almost two times as active as delta9-tetrahydrocannabinol (THC). Status decisions have been made on several other synthetic cannabinoid receptor agonists and antagonists. See decisions for anandamide; methanandamide; WIN 555212; JWH 015; O-2050; CP55940; AM630; AM251 and SR 141716A. Cannabinoid receptor agonists have been declared to be included within item 1 of Schedule II to the CDSA by virtue of being “similar synthetic preparations.” Cannabinoid receptor antagonists have been declared to fall outside item 1 of Schedule II to the CDSA. 5-(1,1-Dimethyloctyl)-2-(3-hydroxycyclohexyl)phenol is a synthetic preparation similar to the

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cannabinoids and therefore included in item 1 of Schedule II.

Recommendation: 5-(1,1-Dimethyloctyl)-2-(3-hydroxycyclohexyl)phenol is included in item 1 of Schedule II to the CDSA and is a controlled substance.

August 13, 2008