Drug Status Report

**Drug:** VDM11

**Drug Name Status:** VDM11 is the common name.

**Chemical Name:** N-(4-hydroxy-2-methylphenyl)-5Z,8Z,11Z,14Z-eicosatetraenamide

**Chemical structure:**

![Chemical structure images]

**Molecular Formula:** C_{27}H_{39}NO_{2}

**Pharmacological class / Application:** fatty acid derivative

**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: VDM11 is similar in structure to some cannabinoid related substances particularly arachidonic acid. Status decisions have been made on several other 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. It was recommended in January 2008 that arachidonic acid (structure above) is a cannabinoid receptor agonist. Like AM 404, VDM11 does not activate CB1 receptors.

Recommendation: VDM11 is not included in the schedules CDSA and is not a controlled substance.

September 22, 2009

http://www.caymanchem.com/app/template/Product.vm/catalog/10006731/tab/description/a/z