



Health  
Canada

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Canada



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

Substance: Delta-9-tetrahydrocannabinolic acid B

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled   
Not Controlled

under the schedules of the *Controlled Drugs and Substances Act* (CDSA) for the following reason(s):

- The substance is a naturally-occurring cannabinoid and is therefore included under item 1 of Schedule II to the CDSA.

Prepared by: \_\_\_\_\_  
Evelyn Soo

Date: October 25<sup>th</sup> 2010

Verified by: \_\_\_\_\_  
Marianne Tang

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_  
DIRECTOR, OFFICE OF CONTROLLED  
SUBSTANCES

Date: \_\_\_\_\_

**This status was requested by:** Wissam Sader

## Drug Status Report

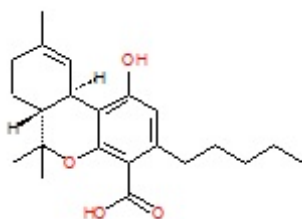
**Drug:** Delta-9-tetrahydrocannabinolic acid B

**Drug Name Status:** Delta-9-tetrahydrocannabinolic acid B is the common name.

**Chemical Name:** 6alpha,10alpha-trans-6alpha,7,8,10alpha-tetrahydro-1-hydroxy-6,6,9-trimethyl-3-pentyl-6H-benzo(c)-chromene-4-carboxylic acid

**Other Names:** Delta-9-THCA-B

**Chemical Structure:**



**Molecular Formula:** C<sub>22</sub>H<sub>30</sub>O<sub>4</sub>

**Pharmacological class / Application:** Cannabinoid

**CAS-RN:** Unknown

**International status:**

US: The substance not listed specifically in the Schedules to the CSA but as a cannabinoid it is likely to be controlled under Schedule I to the CSA.

United Nations: The substance not listed specifically in the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Delta-9-tetrahydrocannabinolic acid B is not currently listed in the CDSA. However, the substance is a minor component of *Cannabis sativa L* and together with its isomer delta-9-tetrahydrocannabinolic acid A, have been described as precursors of delta-9-( $\Delta$ )-tetrahydrocannabinol (THC), the psychoactive component of *C. Sativa L*<sup>1</sup>. As a naturally-occurring cannabinoid, the substance is included under the heading "Cannabis, its preparations, derivatives and similar synthetic preparations, including" of item 1 of Schedule II to the CDSA.

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<sup>1</sup>Lehmann, T. and Brenneisen, R. (1992) A new chromatographic method for the isolation of ( $\Delta$ )-Delta-9-(trans)-tetrahydrocannabinolic acid A, *Phytochem. Anal.* **3**:88-90.

**Recommendation:** Delta-9-tetrahydrocannabinolic acid B is included under item 1 of Schedule II to the CDSA and is a controlled substance.

**Date:** 25 October 2010