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

Substance: Hydromorphone-3-sulfate

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 derivative of hydromorphone and is included under item 1 of Schedule I to the CDSA.

Prepared by: _____ Date: Nov 5th 2010
Evelyn Soo

Verified by: _____ Date: _____
Marianne Tang

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Francoise Gagnon

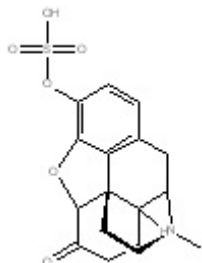
Drug Status Report

Drug: Hydromorphone-3-sulfate

Drug Name Status: Hydromorphone-3-sulfate is the common name.

Chemical Name: (5 α)-4,5-epoxy-17-methyl-3-(sulfooxy)morphinan-6-one

Chemical structure:



Molecular Formula: C₁₇H₁₉NO₆S

Pharmacological class / Application: Metabolite of hydromorphone

CAS-RN: 479081-35-1

International status:

US: Hydromorphone-3-sulfate is not currently listed in US Controlled Substances Act. However, the parent compound, hydromorphone, is included under Schedule II to the CSA.

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. However, hydromorphone is listed in Yellow List.

Canadian Status: Hydromorphone 3-sulfate is not listed specifically in the CDSA. However, the substance is a metabolite of hydromorphone which is currently listed as item 1(17) of Schedule I to the CDSA, under the heading "Opium Poppy (*Papaver somniferum*), its preparations, derivatives, alkaloids and salts, including." As a metabolite of hydromorphone, the substance is therefore included under item 1(17) of schedule I to the CDSA as a derivative of hydromorphone.

Recommendation: Hydromorphone is item 1(17) of Schedule I to the CDSA and is a controlled substance.

Date: 5th November 2010