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

Substance: 14-Hydroxycodeinone cinnamate

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

- Controlled X
- Not Controlled □

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

- The substance is the cinnamate ester of 14-hydroxycodeinone and captured under item 1 of Schedule I 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: “third party information removed as per agreement with applicant”
Drug Status Report

Drug: 14-Hydroxycodeinone cinnamate

Drug Name Status: 14-Hydroxycodeinone cinnamate is the common name.

Chemical Name: 7,8-Didehydro-4,5-alpha-epoxy-14-hydroxy-3-methoxy-17-methylmorphinan-6-one, cinnamate

Chemical structure:

![Chemical Structure Image]

Molecular Formula: C_{27}H_{25}NO_{5}

CAS-RN: 751-01-9

Pharmacological class / Application: Opioid

International status:

US: 14-Hydroxycodeinone cinnamate 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. However, as an ester derivative of thebaine, it is likely considered controlled under the Yellow List.

Canadian Status: 14-Hydroxycodeinone cinnamate is not listed specifically in the schedules to the CDSA. The substance is the cinnamate ester of 14-hydroxycodeinone which is a derivative thebaine and controlled under the heading “Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts including” of item 1 of Schedule I to the CDSA. The esters and ethers of substances controlled under item 1, Schedule I are also captured.
according to the UN conventions and therefore, the substance must be included under item 1 of Schedule I to the CDSA.

**Recommendation:** 14-Hydroxycodone cinnamate is included under item 1 of Schedule I to the CDSA and is a controlled substance.

**Date:** April 23rd, 2012.