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

Substance: Desocodeine

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 a derivative of codeine and must be included under item 1 of Schedule I to the CDSA.

Prepared by: ___________________________ Date: _______________
Zack Li

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: Desocodeine

Drug Name Status: Desocodeine is the common name.

Chemical Name: Morphinan, 4,5-alpha-epoxy-3-methoxy-17-methyl-

Other Names: Deoxydihydrocodeine; Dihydrdesoxycodene; Codeine, 6-deoxydihydro-(7CI,8CI)

Chemical structure:

![Chemical structure diagram]

Molecular Formula: C_{18}H_{23}NO_2  CAS-RN: 3990-01-0

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: Desocodeine 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.

Canadian Status: Desocodeine is not listed specifically in the CDSA. The substance is a derivative of codeine, which is listed as sub-item 1(2) “Codeine (methylmorphine)” in Schedule I to the CDSA under the heading “Opium Poppy, its preparations, derivatives, alkaloids and salts”. As a derivative of codeine, desocodeine is captured under item 1 of Schedule I to the CDSA.

Recommendation: Desocodeine is included in item 1 of Schedule I to the CDSA and is a controlled substance.

Date: July 16th, 2012.