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

Substance: S-(+)-Coreximine

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 an isomer of coreximine, an alkaloid found in Opium Poppy (Papaver somniferum), and included under item 1 of Schedule I to the CDSA.

Prepared by: ________________________________ Date: April 18th 2011
Evelyn Soo

Verified by: ________________________________ Date: __________
Kim Barber

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:** S-(+)-Coreximine

**Drug Name Status:** S-(+)-Coreximine is the common (INN) name.

**Chemical Name:**
(S)-5,8,13,13a-tetrahydro-3,10-dimethoxy-6H-Dibenzo(a,g)quinolizine-2,11-diol

**Chemical structure:**

![Chemical structure of S-(+)-Coreximine]

**Molecular Formula:** C_{19}H_{21}NO_{4}

**Pharmacological class / Application:** Opium alkaloid

**CAS-RN:** 483-45-4

**International status:**

US: S-(+)-Coreximine is not listed in the 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: S-(+)-Coreximine is not listed in the schedules to the CDSA. The substance is the (+)-isomer of coreximine, a naturally-occurring alkaloid found in Opium Poppy\(^1\). “Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts including” are currently listed as item 1 in Schedule I to the CDSA. As an alkaloid of opium poppy, the substance is must be included under item 1 of Schedule I to the CDSA.

**Recommendation:** S-(+)-Coreximine is included under item 1 of Schedule I to the CDSA is a controlled substance.

**Date:** 18 April 2011

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