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

Substance: O-Desmethyltramadol

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 not similar to those included in the Schedules to the CDSA.

Prepared by: ____________________________ Date: September 27, 2011
  Evelyn 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: O-Desmethyltramadol

Drug Name Status: O-Desmethyltramadol is the common name.

Chemical Name: 1-(m-hydroxyphenyl)-2-(dimethylaminomethyl)-cyclohexanol

Other Names: m-(2-(Dimethylaminomethyl)-1-hydroxycyclohexanol)phenol

Chemical structure:

![Chemical Structure Image]

Molecular Formula: $C_{15}H_{23}NO_2$

Pharmacological class / Application: Pharmaceutical-related substance

CAS-RN: 73986-53-5

International status:

US: O-Desmethyltramadol is not listed in the Controlled Substances Act and is not mentioned anywhere on the DEA website as a controlled substance.

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: O-Desmethyltramadol is not listed in the schedules to the CDSA. The substance has been reported in the scientific literature to be a metabolite of tramadol and is not structurally similar to any substances included in the CDSA. The previous review of tramadol found the parent drug also cannot be included in the schedules to the CDSA.

Recommendation: O-Desmethyltramadol is not included in the schedules to the CDSA and is not a controlled substance.

Date: Sept 27, 2011