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

Substance: (-)-N,O-Di-Desmethyl Tramadol

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

Controlled ☐
Not Controlled X

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: ________________
Vincent Marleau

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:** (-)-N,O-Di-Desmethyl Tramadol

**Drug Name Status:** (-)-N,O-Di-Desmethyl Tramadol is the common name.

**Chemical Name:** 3-((1R,2R)-1-hydroxy-2-((methylamino)methyl)cyclohexyl)phenol

**Chemical structure:**

![Chemical Structure](image)

**Molecular Formula:** C_{14}H_{21}NO_{2}

**Pharmacological class / Application:** Pharmaceutical-related substance

**CAS-RN:** 144830-19-3

**International status:**

US: (-)-N,O-Di-Desmethyl Tramadol 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: (-)-N,O-Di-Desmethyl Tramadol is not listed in the CDSA. The substance is a derivative of tramadol and is not structurally similar to any substances included in the CDSA. The ‘parent-drug’ tramadol is not included in the Schedules to the CDSA.

**Recommendation:** (-)-N,O-Di-Desmethyl Tramadol is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** March 21st, 2012.