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

Substance: N-Desmethyl Apomorphine

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 apomorphine and is included under item 1 of Schedule I to the CDSA.

Prepared by: ___________________________ Date: ____________
Benoit P Seguin

Verified by: ___________________________ Date: ____________
Mark Kozlowski

Approved by: ___________________________ Date: ____________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Wissam Sader, OCS
Drug Status Report

**Drug:** N-Desmethyl Apomorphine

**Drug Name Status:** N-Desmethyl Apomorphine is the common name.

**Chemical Name:** (R)-5,6,6a,7-Tetrahydro-4H-dibenzo[d,e,g]quinolone-10,11-diol

**Other Names:** R(-)-Norapomorphine

**Chemical structure:**

![Chemical structure of N-Desmethyl Apomorphine](image)

**Molecular Formula:** C_{16}H_{15}NO_{2}  
**CAS-RN:** 478-76-2

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

**International status:**

US: N-Desmethyl apomorphine 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-Desmethyl apomorphine is not listed specifically in the Schedules to the CDSA. The substance has been reported to be a metabolite of apomorphine\(^1\)\(^,\)\(^2\), which is currently excluded from Schedule I to the CDSA and listed as sub-item 1(32) under the “but not including” heading. However, as derivatives of apomorhine are not captured under the “but not including” heading, N-desmethyl apomorphine must be included under item 1 of Schedule I to the CDSA.

**Recommendation:** N-Desmethyl apomorphine is included under item 1 of Schedule I to the CDSA and is controlled substance.

**Date:** November 20\(^{th}\), 2012.
