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

Substance:  10-oxo Naloxone

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 a derivative of naloxone and is included under item 1 of Schedule I to the CDSA.

Prepared by: ________________________________ Date: October 24th, 2011
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:** 10-oxo Naloxone

**Drug Name Status:** 10-oxo Naloxone is the common name.

**Chemical Name:** (5a)-4,5-Epoxy-3,14-dihydroxy-10-oxo-17-(2-propenyl)morphinan-6-one

**Other name:** 10-keto Naloxone.

**Chemical structure:**

![Chemical structure of 10-oxo Naloxone](image)

**Molecular Formula:** C_{19}H_{19}NO_{5}

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

**CAS-RN:** N/A

**International status:**

US: 10-oxo Naloxone 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: 10-oxo Naloxone is not specifically listed in the schedules to the CDSA. The substance is a derivative of naloxone and although naloxone is excluded specifically from the CDSA and listed as sub-item 1(34.1) in Schedule I, the derivatives of naloxone are not excluded from the CDSA by the provision “but not including”. Therefore, the substance is included under the heading “Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts, including:” of item 1 of Schedule I to the CDSA.

**Recommendation:** 10-oxo Naloxone is included in item 1 of Schedule I to the CDSA and is a controlled substance.

**Date:** October 24th, 2011