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

Substance: Noroxymorphone

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 metabolite of oxymorphone and included under item 1 of Schedule I to the CDSA.

Prepared by: ___________________________ Date: Dec 2nd 2010
Evelyn Soo

Verified by: ___________________________ Date: __________
Marianne Tang

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

This status was requested by: Wissam Sader
Drug Status Report

Drug: Noroxymorphone

Drug Name Status: Noroxymorphone is the common name.

Chemical Name: 5alpha-4,5-Epoxy-3,14-dihydroxymorphinan-6-one

Other Names: 14-Hydroxydihydromorphinone; 7,8-Dihydro-14-hydroxynormorphinone

Chemical structure:

![Chemical Structure](image)

Molecular Formula: C_{16}H_{7}NO_{4}

CAS-RN: 33522-95-1

Pharmacological class / Application: Metabolite of oxymorphone

International status:
US: Noroxymorphone is not listed in the schedules to the CSA 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: Noroxymorphone is a metabolite of oxymorphone\(^1\) and is not currently listed in the CDSA. However, as a metabolite of oxycodone, the substance must be included under item 1(28) of Schedule I, under the heading “Opium poppy (Papaver somniferum) its preparations, derivatives, alkaloids and salts, including:” as a derivative of oxycodone.

Recommendation: Noroxymorphone is included under item 1(28) of Schedule I to the CDSA and is a controlled substance.

Date: 2 December 2010