Health Canada Santé Canada

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

Substance: N-butenyl-oxymorphone bromide

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 oxymorphone and must be included under sub-item 1(29) of Schedule I to the CDSA.

Prepared by: _____ Date: May 24, 2011
Zack Li

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Wissam Sader, OCS

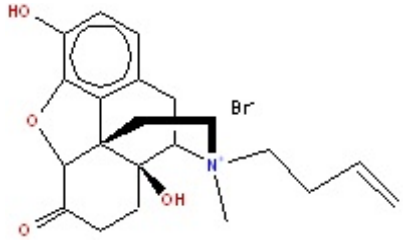
Drug Status Report

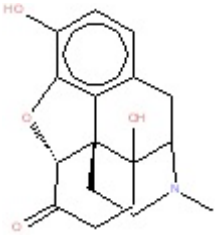
Drug: N-butenyl-oxymorphone bromide

Drug Name Status: N-butenyl-oxymorphone bromide is the common name

Chemical Name: N-butenyl-4,5a-epoxy-3,14-dihydroxy-17-methylmorphinan-6-one bromide

Chemical Structure:





N-butenyl-oxymorphone bromide ***Oxymorphone***

Molecular Formula: $C_{21}H_{26}BrNO_4$

Pharmacological class / Application: Oxymorphone derivative

CAS-RN: NONE

International status:

US: N-butenyl-oxymorphone bromide is not listed specifically in the schedules to the US *Controlled Substances Act* but may be considered controlled under the analogue provision of the CSA.

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-butenyl-oxymorphone bromide is not listed specifically in the CDSA. However, the substance is a derivative of oxymorphone which is controlled as sub-item 1(29) of Schedule I to the CDSA under the heading " Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts including:". Therefore as a derivative, N-butenyl-oxymorphone bromide must be included under sub-item 1(29) of Schedule I to the CDSA.

Recommendation: N-butenyl-oxymorphone bromide is included under sub-item 1(29) of Schedule I to the CDSA and is a controlled substance.

Date: May 24, 2011