Health Canada
Santé Canada

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

Substance: 14-Hydroxydihydro thebainone

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 oxycodone and is included under item 1 of Schedule I 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"

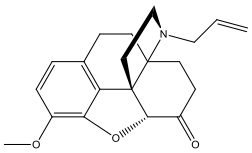
Drug Status Report

Drug: 14-Hydroxydihydro thebainone

Drug Name Status: N-Allyl noroxycodone is the common name.

Chemical Name: (4bR,8aS,9R)-4,8a-dihydroxy-3-methoxy-11-methyl-8,8a,9,10-tetrahydro-5H-9,4b-(epiminoethano)phenanthren-6(7H)-one

Chemical structure:



Molecular Formula: $C_{18}H_{23}NO_4$

Pharmacological class / Application: Oxycodone derivative

CAS-RN: 6199-38-8

International status:

US: 14-Hydroxydihydro thebainone is not listed specifically in the Schedules to the US *Controlled Substances Act* (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: 14-Hydroxydihydro thebainone is not listed specifically in the schedules to the CDSA. The substance is a derivative of oxycodone, which is captured under sub-item 1(28) of Schedule I to the CDSA under the heading "Opium Poppy (*Papaver somniferum*), its preparations, derivatives, alkaloids and salts, including:". As a derivative of oxycodone, 14-hydroxydihydro thebainone is included under item 1 of Schedule I to the CDSA.

Recommendation: 14-Hydroxydihydro thebainone is included under item 1 of Schedule I to the CDSA and is a controlled substance.

Date: September 17th, 2012.