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

Substance: Delorazepam 4-oxide

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 delorazepam and is controlled under Item 18 of Schedule IV 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: Delorazepam 4-oxide

Drug Name Status: Delorazepam 4-oxide is the common name.

Chemical Name: 7-Chloro-5-(2-chlorophenyl)-1,3-dihydro-2H-benzo-1,4-diazepin-2-one 4-Oxide

Other Names: 7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one 4-Oxide.

Chemical structure:

![Chemical Structure Image]

Molecular Formula: $\text{C}_{15}\text{H}_{10}\text{Cl}_{2}\text{N}_{2}\text{O}_{2}$  \hspace{1cm} CAS-RN: 2955-37-5

Pharmacological class / Application: Delorazepam derivative

International status:

US: Delorazepam 4-oxide 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: Delorazepam 4-oxide is not listed specifically in the CDSA. The substance is a derivative of delorazepam, which is currently listed as sub-item 18(9) of Schedule IV to the CDSA under the heading “Benzodiazepines, their salts and derivatives, including:”. Since delorazepam 4-oxide is a derivative of delorazepam, it is included under item 18 of Schedule IV to the CDSA. It is noteworthy to add that this substance is also an intermediate in the synthesis to lorazepam, which is listed as sub-item 18(20) of Schedule IV to the CDSA.

Recommendation: Delorazepam 4-oxide is included under item 18 of Schedule IV to the CDSA and is a controlled substance.

Date: July 25th, 2012.