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

Substance: 7-Isothiocyanato nimetazepam

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 nimetazepam and is included under sub-item 18(23) Schedule IV to the CDSA.

Prepared by: __________________________ Date: April 27th 2011

Evelyn Soo

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**: 7-Isothiocyanato nimetazepam

**Drug Name Status**: 7-Isothiocyanato nimetazepam is the common name.

**Chemical Name**: 1,3-Dihydro-7-isothiocyanato-1-methyl-5-phenyl-2H-1,4-benzodiazepine-2-one

**Chemical structure**:

![Chemical Structure of 7-Isothiocyanato Nimetazepam](attachment:image.png)

**Molecular Formula**: C\textsubscript{17}H\textsubscript{13}N\textsubscript{3}OS

**Pharmacological class / Application**: Benzodiazepine

**CAS-RN**: 847201-78-9

**International status**:

US: 7-Isothiocyanato nimetazepam is not listed in the 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: 7-Isothiocyanato nimetazepam is not listed specifically in the Schedules to the CDSA. However, the substance contains the core structure of the 1,4-benzodiazepines and is a derivative of nimetazepam which is currently listed as sub-item 18(23) in Schedule IV to the CDSA under the heading “Benzodiazepines, their salts and derivatives, including:”. Given that 7-isothiocyanato nimetazepam is structurally a benzodiazepine and a derivative of nimetazepam, it must be included under item 18 of Schedule IV to the CDSA.

**Recommendation**: 7-Isothiocyanato nimetazepam is included under sub-item 18(23) of Schedule IV to the CDSA and is a controlled substance.

**Date**: 27 April 2011