



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

Substance: Bromazepam derivatives

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled [checked]
Not Controlled [unchecked]

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substances are derivatives of bromazepam and included under item 18(2) of Schedule IV to the CDSA.

Prepared by: Evelyn Soo Date: Nov 17th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: third party information removed as per agreement with applicant

Drug Status Report

Drug: I - 3-Acetoxy bromazepam
II - 3-Hydroxy bromazepam

Drug Name Status: I - 3-Acetoxy bromazepam
II - 3-Hydroxy bromazepam are the common names.

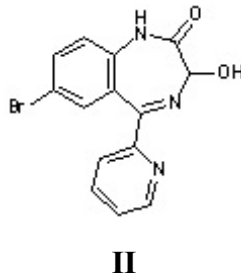
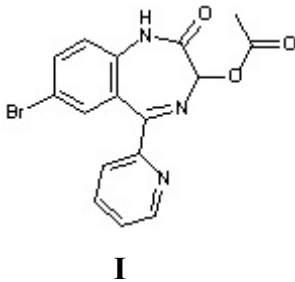
Chemical Name:

I - 2-(acetyloxy)-7-bromo-1,3-dihydro-5-(2-pyridinyl)-2H-1,4-benzodiazepin-2-one
II - 7-Bromo-1,3-dihydro-3-hydroxy-5-(2-pyridinyl)-2H-1,4-benzodiazepin-2-one

Other Names:

I - 7-bromo-1,3-dihydro-3-hydroxy-5-(2-pyridyl)-2H-1,4-benzodiazepin-2-one acetate (ester)

Chemical structure:



Molecular Formula: I- $C_{16}H_{12}BrN_3O_3$; II - $C_{14}H_{10}BrN_3O_2$

Pharmacological class / Application: Pharmaceutical-related substances

CAS-RN: I - 13132-88-2; II - 13132-73-5

International status:

US: The above-named substances are not currently listed in the schedules to the US Controlled Substances Act.

United Nations: The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 3-acetoxy bromazepam and 3-hydroxy bromazepam are derivatives of bromazepam and are not currently listed in the CDSA. However, the substances contain the core structure of the 1,4-benzodiazepines and as derivatives of bromazepam are also captured under item 18(2) of Schedule IV to the CDSA under the heading "Benzodiazepines, their salts

and derivatives including". It is noteworthy that the deuterated forms of these substances will also have the same status.

Recommendation: 3-acetoxy bromazepam and 3-hydroxy bromazepam are included under item 18(2) of Schedule IV to the CDSA and are controlled substances.

Date: 17th November 2010