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

Substance: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine

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):

• 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine is a related impurity of triazolam and is included under item 18 of Schedule IV to the CDSA.

Prepared by: ___________________________ Date: Dec 3rd 2010
Evelyn Soo

Verified by: ___________________________ Date: __________
Marianne Tang

Approved by: ___________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Wissam Sader
Drug Status Report

**Drug**: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine

**Drug Name Status**: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine is the common name.

**Chemical Name**: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine

**Chemical structure:**

![Chemical structure of 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine]

**Molecular Formula**: \( C_{17}H_{14}Cl_{2}N_{4}O \)

**Pharmacological class / Application**: Pharmaceutical-related substance

**CAS-RN**: unknown

**International status**:

US: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine is not listed specifically in the US CSA and is not mentioned 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: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine is a synthetic impurity of triazolam and is not currently listed in the CDSA. While 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-acetylhydrazine is not a salt or derivative of triazolam, which is listed as subitem 18(32) in Schedule IV to the CDSA under the heading “Benzodiazepine, their salts and derivatives, including”, the substance contains the core structure of the 1,4-benzodiazepines and therefore is considered to be included under item 18 of Schedule IV to the CDSA.

**Recommendation**: 5-(2'-chlorophenyl)-7-chloro-1,3-dihydro-1,4-benzodiazepine-2H-2-
acetylhydrazine is included under item 18 of Schedule IV to the CDSA and is a controlled substance.

**Date:** 3 December 2010