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

Substance: alpha-Hydroxy triazolam

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 metabolite of triazolam and is captured under sub-item 18(32) 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: Sahan de Silva, OCS
Drug Status Report

Drug: alpha-Hydroxy triazolam

Drug Name Status: alpha-Hydroxy triazolam is the common name.

Chemical Name: (8-chloro-6-(2-chlorophenyl)-4H-benzo[f][1,2,4]triazolo[4,3-a][1,4]diazepin-1-yl)methanol

Other Names: Triazolam metabolite II; 1’-Hydroxy triazolam.

Chemical structure:

Molecular Formula: C_{17}H_{12}Cl_{2}N_{4}O      CAS-RN: 37115-45-0

Pharmacological class / Application: Triazolam derivative

International status:
US: alpha-Hydroxy triazolam 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: alpha-Hydroxy triazolam is not listed specifically in the Schedules to the CDSA. The substance is a metabolite of triazolam\(^1\), which is listed as sub-item 18(32) “Triazolam (8-chloro-6-(o-chlorophenyl)-1-methyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine)” in Schedule IV to the CDSA under the heading “Benzodiazepines, their salts and derivatives, including:”. As a derivative of triazolam, alpha-Hydroxy triazolam is captured under sub-item 18(32) of Schedule IV to the CDSA.

Recommendation: alpha-Hydroxy triazolam is included under sub-item 18(32) of Schedule IV to the CDSA and is a controlled substance.

Date: May 23\(^{rd}\), 2013.

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\(^1\) Lin, D. \textit{et al.} (2005). Urinary Excretion of $\alpha$-Hydroxytriazolam Following a Single Dose of Halcion\(^\text®\). \textit{Journal of Analytical Toxicology}: 29(2); 118-123.