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

Substance: O-benzyl psilocin; O-benzyl psilocin-d4; O-acetyl psilocin fumurate and O-acetyl psilocin fumurate-d4

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 substances are not salts of psilocin and therefore are not included under 11 of Schedule III to the CDSA

Prepared by: _____________________________ Date: Sept 21st 2010

Evelyn C Soo

Verified by: _____________________________ Date: __________

Marianne Tang

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:**
I - O-benzyl psilocin  
II - O-benzyl psilocin-d4  
III - O-acetyl psilocin fumurate  
IV - O-acetyl psilocin fumurate-d4

**Drug Name Status:** I - O-benzyl psilocin  
II - O-benzyl psilocin-d4  
III - O-acetyl psilocin fumurate  
IV - O-acetyl psilocin fumurate-d4 are the common names.

**Chemical Name:**
I - N,N-Dimethyl-4-(phenylmethoxy)-1H-indole-3-ethanamine  
II - N,N-Dimethyl-4-(phenylmethoxy)-1H-indole-3-ethanamine-d4  
III - 3-[2-(Dimethylamino)ethyl]-1H-indol-4-ol 4-Acetate Fumarate  
IV - 3-[2-(Dimethylamino)ethyl]-1H-indol-4-ol 4-Acetate Fumarate-d4

**Chemical Structure:**

![Chemical Structure Diagram](image)

**Molecular Formula:**
I - C_{19}H_{22}N_{2}O; II - C_{19}D_{4}H_{18}N_{2}O; III - C_{14}H_{18}N_{2}O_{2}.C_{4}H_{4}O_{4}; IV - C_{14}D_{4}H_{14}N_{2}O_{2}.C_{4}H_{4}O_{4}
CAS-RN: I - 28383-23-5; II, III, IV - NONE

Pharmacological class / Application: Fine Chemical

International status:

US: The substances are not listed specifically in the CSA and are not mentioned anywhere on the DEA website.

United Nations: The substances are 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: O-benzyl psilocin; O-benzyl psilocin-d4; O-acetyl psilocin fumurate and O-acetyl psilocin fumurate-d4 are derivatives of psilocin and are not currently listed in the CDSA. While psilocin is listed as item 11 in Schedule III to the CDSA under the heading “Psilocin (3-[(2-dimethylamino)ethyl]-4-hydroxynolidine) and any salt therefore”, these substances are not salts of psilocin and therefore cannot be included under item 11 of Schedule III to the CDSA.

Recommendation: O-benzyl psilocin; O-benzyl psilocin-d4; O-acetyl psilocin fumurate and O-acetyl psilocin fumurate-d4 are not included in the Schedules to the CDSA and are not controlled substances.

Date: September 21st, 2010