



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 [x]

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: Evelyn C Soo Date: Sept 21st 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"

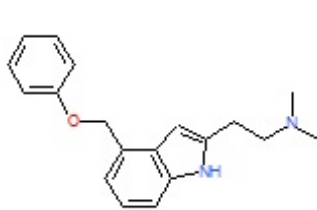
Drug Status Report

Drug: I - O-benzyl psilocin
II- O-benzyl psilocin-d4
III - O-acetyl psilocin fumarate
IV - O-acetyl psilocin fumarate-d4

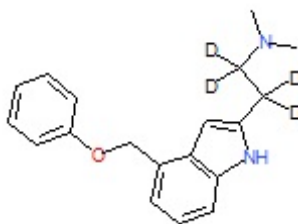
Drug Name Status: I - O-benzyl psilocin
II- O-benzyl psilocin-d4
III - O-acetyl psilocin fumarate
IV - O-acetyl psilocin fumarate-d4 are the common names.

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

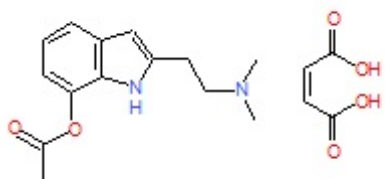
Chemical Structure:



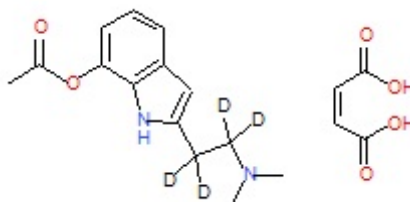
I



II



III



IV

Molecular Formula: I - $C_{19}H_{22}N_2O$; II - $C_{19}D_4H_{18}N_2O$; III - $C_{14}H_{18}N_2O_2 \cdot C_4H_4O_4$; IV - $C_{14}D_4H_{14}N_2O_2 \cdot C_4H_4O_4$

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 substance 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-hydroxyindole) 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