



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

Substance: Iso-LSD

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 drug is currently not listed specifically on the CDSA.
LSD is listed as item 5 of Schedule III to the Act. Its isomers are not included.
It should be noted that several precursors to LSD including lysergic acid are listed on Part I of Schedule VI to the Act, Class A precursors. Iso-LSD may also be considered a precursor to LSD as it can be converted into LSD.
Iso-LSD is also a by-product of LSD production. Iso-LSD is reported to have no activity.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-06-20

Verified by: See email MICHAEL LEBELLE Date: 2005-06-17

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

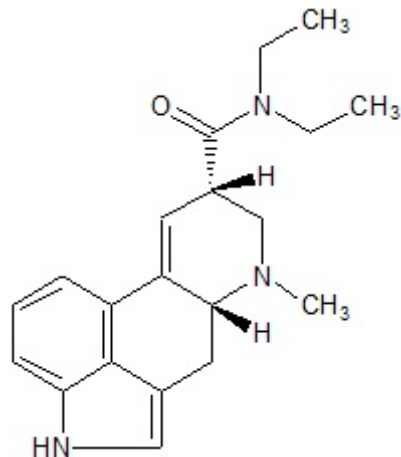
Drug: Iso-LSD

Drug Name Status: Iso-LSD is the common name

Chemical Name:

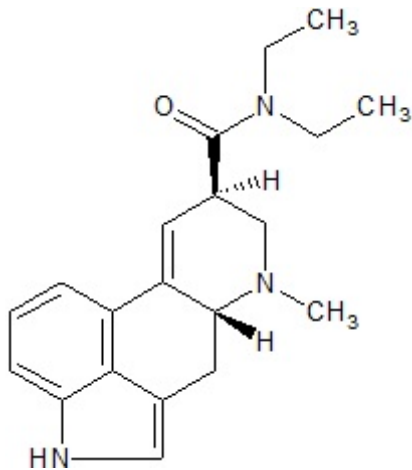
(8 α)-9,10-didehydro-N,N-diethyl-6-methyl-ergoline-8-carboxamide

Chemical structure:



Iso-LSD

Iso-LSD is the 8-isomer of LSD. See the structure of LSD below.



LSD

Molecular Formula: C₂₀H₂₅N₃O

Pharmacological class / Application: none

International status:

US: The drug is not currently listed specifically on the US Controlled Substances Act. However, it is a controlled substance. Item (c) of Schedule I to the CSA includes "... any material, compound, mixture, or preparation, which contains any quantity of the following hallucinogenic substances, or which contains any of their salts, **isomers**, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation". "Lysergic acid diethylamide" is listed as subitem (9) of this part of Schedule I.

United Nations: The drug is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control. The drug is not listed on 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: The drug is currently not listed specifically on the CDSA. LSD is listed as item 5 of Schedule III to the Act. Its isomers are not included.

It should be noted that several precursors to LSD including lysergic acid are listed on Part I of Schedule VI to the Act, Class a precursors. Iso-LSD may also be considered a precursor to LSD as it can be converted into LSD. Iso-LSD is also a by-product of LSD production. Iso-LSD is reported to have no activity.

Recommendation: Based on the information available, Iso-LSD is not currently included in the schedules to the CDSA.