Health Canada Santé Canada

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

Substance: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride

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):

- Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride is considered an analogue of MDMA and therefore is included under item 1 of Schedule III to the CDSA.
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Prepared by: _____ Date: November 30th, 2011
Vincent Marleau

Verified by: _____ Date: _____
Mark Kozlowski

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

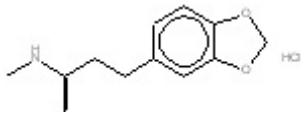
Drug: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride

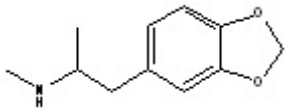
Drug Name Status: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride is the common name.

Chemical Name: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride

Other Names: (+-)-N,1-Dimethyl-3-(3,4-(methylenedioxy)phenyl)propylamine hydrochloride; 1,3-Benzodioxole-5-propanamine, N,alpha-dimethyl-, hydrochloride, (+-)-; Homo-3,4-methylenedioxymethamphetamine hydrochloride; N-Methyl-3,4-methylenedioxyphenyl-3-butanamine hydrochloride.

Chemical structure:





MDMA

Molecular Formula: $C_{12}H_{17}NO_2$. HCl

Pharmacological class / Application: Stimulant

CAS-RN: 92279-85-1

International status:

US: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride is not listed in 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: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride is not listed in the schedules to the CDSA. The substance is very similar in structure to MDMA in that its structure contains one extra CH_2 group in the chain to form a propylamine instead of an ethanamine. MDMA is currently listed as sub-item 1(9) in Schedule III to the CDSA, as

N–methyl–3,4–methylenedioxyamphetamine under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:”. Since propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)- is substantially similar in structure to MDMA, it is considered included under item 1(9) of Schedule III to the CDSA.

Recommendation: Propylamine, N,1-dimethyl-3-(3,4-(methylenedioxy)phenyl)-, hydrochloride is included under item 1 of Schedule III to the CDSA and is a controlled substance.

Date: November 30th, 2011