Health Canada Santé Canada

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

Substance: 4-Methoxy-N-ethylamphetamine

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 substance is an amphetamine and captured under item I of Schedule III to the CDSA. The substance could also be captured under 18 of Schedule I to the CDSA.

Prepared by: _____ Date: July 27, 2011

Zack Li

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

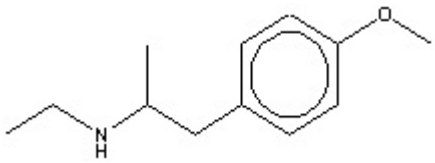
Drug: 4-Methoxy-N-ethylamphetamine

Drug Name Status: 4-Methoxy-N-ethylamphetamine is the common name

Chemical Name: N-Ethyl-1-(4-methoxyphenyl)propan-2-amine

Other Names: PMEA; *para*-Methoxyethylamphetamine; 4-Methoxy-N-ethylamphetamine

Chemical Structure:



Molecular Formula: $C_{12}H_{19}NO$

CAS-RN: 14367-46-5

Pharmacological class / Application: Amphetamine

International status:

US: 4-Methoxy-N-ethylamphetamine is not currently listed in the Schedules to the US *Controlled Substances Act.* However, it may be considered controlled due to the "controlled substances analogue" provision of the CSA.

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: 4-Methoxy-N-ethylamphetamine is not currently listed in the CDSA. The substance is an amphetamine and may also be considered a structural analogue methamphetamine, which for the purpose of forming status decisions, is defined as a substance that "has a substantially similar chemical structure" to a controlled substance.

"Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including" is item 1 of Schedule III to the CDSA. As an amphetamine, 4-methoxy-N-ethylamphetamine would be included under item 1 of Schedule III. It is noteworthy, however, that if the substance is considered an analogue of methamphetamine, it could also under the heading "Methamphetamine (N,α-dimethylbenzeneethanamine), its salts, derivatives,

isomers and analogues and salts of derivatives, isomers and analogues" of item 18 of Schedule I to the CDSA.

Recommendation: 4-Methoxy-N-ethylamphetamine is included under item 1of Schedule III to the CDSA and is a controlled substance. The substance may also be considered controlled under item 18 of Schedule I to the CDSA.

Date: July 27, 2011