Health Canada Santé Canada

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

Substance: 5-Ethoxy-2-methoxy-4-methylamphetamine

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 compound is an amphetamine and must be included under item 1 of Schedule III to the CDSA.

Prepared by: _____ Date: Sept 13th, 2011
Evelyn C Soo

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by:

Drug Status Report

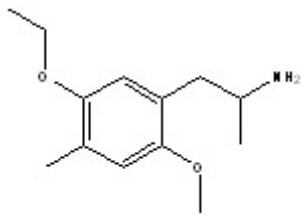
Drug: 5-Ethoxy-2-methoxy-4-methylamphetamine

Drug Name Status: 5-Ethoxy-2-methoxy-4-methylamphetamine is the common name.

Chemical Name: 2-methoxy-4-methyl-5-ethoxy-alpha-methylbenzeneethanamine

Other Names: IRIS

Chemical Structure:



Molecular Formula: $C_{13}H_{21}NO_2$

Pharmacological class / Application: Amphetamine

International status:

US: 5-Ethoxy-2-methoxy-4-methylamphetamine is not listed specifically in the Schedules to the US *Controlled Substances Act*. However, it may be considered controlled under the 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: 5-Ethoxy-2-methoxy-4-methylamphetamine is part of a series of designer amphetamines synthesized by Shulgin and tested for their potential stimulant/hallucinogenic potential and is not listed specifically in the CDSA. However, the substance is an amphetamine and shows substantial structural similarity to 4-ethyl-2,5-dimethoxyamphetamine which is currently sub-listed as 1(14) in Schedule III to the CDSA under the heading "Amphetamines, their salts, derivatives, isomers, analogues and salts of derivatives, isomers and analogues including". As an amphetamine, 5-ethoxy-2-methoxy-4-methylamphetamine must be included under item 1 of Schedule III to the CDSA.

Recommendation: 5-Ethoxy-2-methoxy-4-methylamphetamine is included under item 1 of Schedule III to the CDSA and is a controlled substance.

Date: 13 September, 2011