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

Substance:  I - 4-Bromo-3,5-dimethoxyamphetamine
            II - 4-Ethoxy-3,5-dimethoxyamphetamine

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 compounds are amphetamines and therefore are 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:  
I - 4-Bromo-3,5-dimethoxyamphetamine  
II - 4-Ethoxy-3,5-dimethoxyamphetamine

Drug Name Status:  
I - 4-Bromo-3,5-dimethoxyamphetamine  
II - 4-Ethoxy-3,5-dimethoxyamphetamine are the common names.

Chemical Name:  
I - 4-Bromo-3,5-dimethoxy-alpha-methylbenzeneethanamine  
II - 4-Ethoxy-3,5-dimethoxy-alpha-methylbenzeneethanamine

Other Names:  
I - 1-((4-Bromo-3,5-dimethoxy)phenyl)propan-2-amine; 4-Br-3,5-DMA  
II - 1-((4-Bromo-3,5-dimethoxy)phenyl)propan-2-amine; 3C-E

Chemical Structure:

![Chemical Structure Diagram]

Molecular Formula:  
I - C_{11}H_{17}NO_{2}Br; II - C_{13}H_{21}NO_{3}

Pharmacological class / Application:  
Amphetamines

International status:

US: 4-Bromo-3,5-dimethoxyamphetamine and 4-ethoxy-3,5-dimethoxyamphetamine are not listed in the Schedules to the US Controlled Substances Act. However, they may be considered controlled under the analogue provision of the CSA.

United Nations: The substances 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: The substances are part of a series of designer amphetamines synthesized by Shulgin and tested for their potential stimulant/hallucinogenic potential. 4-Bromo-3,5-dimethoxyamphetamine and 4-ethoxy-3,5-dimethoxyamphetamine are not currently listed in the schedules to the CDSA. However, the substances are amphetamines and specifically, are the positional isomers of 4-bromo-2,5-dimethoxyamphetamine and 4-ethoxy-2,5-dimethoxyamphetamine, respectively. 4-bromo-2,5-dimethoxyamphetamine and 4-ethoxy-2,5-dimethoxyamphetamine are currently listed as sub-items 1(15) and 1(10) in Schedule III to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers, analogues and salts of derivatives, isomers and analogues including:”. Accordingly, 4-bromo-3,5-dimethoxyamphetamine and 4-ethoxy-3,5-dimethoxyamphetamine must be included under sub-items 1(15) and 1(10), respectively, of Schedule III to the CDSA.

It is noteworthy that an earlier review of 3,5-dimethoxyamphetamine also considered the substance controlled under item 1 of Schedule III to the CDSA on the basis that the substance is a positional isomer of 2,5-dimethoxyamphetamine.

**Recommendation:** 4-bromo-3,5-dimethoxyamphetamine and 4-ethoxy-3,5-dimethoxyamphetamine are included under sub-items 1(15) and 1(10), respectively, of Schedule III to the CDSA and are controlled substances.

**Date:** 13 September, 2011