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

Substance: 25D-NBOMe, 25B-NBOMe, 25E-NBOMe, 25T4-NBOMe, 25G-NBOMe

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 substances are not a salt of 4-bromo-2,5-dimethoxybenzeneethanamine and are not structurally similar to any of the substances listed in the CDSA.

Prepared by: ____________________________ Date: Sept 14th, 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:** 25D-NBOMe, 24-NBOMe, 25B-NBOMe, 25E-NBOMe, 25T4-NBOMe, 25G-NBOMe
(See Table 1 for chemical information)

**Pharmacological class / Application:** Hallucinogens

**International status:**

US: None of the substances are listed specifically in the Schedules to the US *Controlled Substances Act*.

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 listed in Table 1 are a series of designer phenethylamine derivatives synthesized by Shulgin and tested for their hallucinogenic potential. Currently, the only phenethylamine listed in the CDSA is 2C-B, as “4-bromo-2,5-dimethoxybenzeneethanamine and any salt, isomer or salt of isomer thereof” under item 24 of Schedule III to the CDSA. While these substances are similar in structure to 2C-B, the derivatives and analogues of this substance are not included under item 24 of Schedule III. Therefore, 25D-NBOMe, 24-NBOMe, 25B-NBOMe, 25E-NBOMe, 25T4-NBOMe, 25G-NBOMe cannot be included under item 24 of Schedule III to the CDSA.

**Recommendation:** 25D-NBOMe, 24-NBOMe, 25B-NBOMe, 25E-NBOMe, 25T4-NBOMe, 25G-NBOMe are not included in the Schedules to the CDSA and are not controlled substances.

**Date:** 14 September, 2011
Table 1: Chemical information.

<table>
<thead>
<tr>
<th>Name of Compound</th>
<th>Synonyms</th>
<th>CAS-RN</th>
<th>Chemical Structure</th>
<th>Chemical Formula</th>
</tr>
</thead>
<tbody>
<tr>
<td>25D-NBOMe</td>
<td>(N-(2\text{-Methoxybenzyl})-2,5\text{-dimethoxy-4-methylphenethylamine; 2-(4\text{-Methyl-2,5-dimethoxyphenyl})-N-[2-methoxyphenyl]methyl} )ethanamine</td>
<td>1043868-97-8</td>
<td><img src="Image" alt="Chemical Structure" /></td>
<td>C19H25NO3</td>
</tr>
<tr>
<td>24-NBOMe</td>
<td>(N-(2\text{-Methoxybenzyl})-2,4\text{-dimethoxyphenethylamine; 2,4-Dimethoxy-N-(2-methoxybenzyl)phenethylamine; 2-(2,4-Dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine}</td>
<td>NONE</td>
<td><img src="Image" alt="Chemical Structure" /></td>
<td>C18H23N03</td>
</tr>
<tr>
<td>25B-NBOMe</td>
<td>4-Bromo-2,5-dimethoxy-N-(2-methoxybenzyl)phenethylamine; 2-(4-Bromo-2,5-dimethoxyphenyl)-N-[2-methoxyphenyl]methyl}ethanamine; 25NBMeO; Cribbi-36; NBOMe-2CB</td>
<td>1026511-90-9</td>
<td><img src="Image" alt="Chemical Structure" /></td>
<td>C18H22BrN03</td>
</tr>
<tr>
<td>25E-NBOMe</td>
<td>4-Ethyl-2,5-dimethoxy-N-(2-methoxybenzyl)phenethylamine; 2-(4-Ethyl-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine</td>
<td>NONE</td>
<td><img src="Image" alt="Chemical Structure" /></td>
<td>C20H27N03</td>
</tr>
<tr>
<td>25T4-NBOMe</td>
<td>4-Isopropylthio-2,5-dimethoxy-N-(2-methoxybenzyl)phenethylamine; 2-(2,5-Dimethoxy-4-(propan-2-ylsulfanyl)phenyl)-N-(2-methoxybenzyl)ethanamine</td>
<td>NONE</td>
<td><img src="Image" alt="Chemical Structure" /></td>
<td>C21H29NO3</td>
</tr>
<tr>
<td>25G-NBOMe</td>
<td>3,4-Dimethyl-2,5-dimethoxy-N-(2-methoxybenzyl)phenethylamine; 2-(2,5-Dimethoxy-3,4-dimethylphenyl)-N-(2-methoxybenzyl)ethanamine</td>
<td>NONE</td>
<td><img src="Image" alt="Chemical Structure" /></td>
<td>C20H27N03</td>
</tr>
</tbody>
</table>