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

Substance: 25I-NBOH hydrochloride

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled ☐
Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance is not a salt of 4-bromo-2,5-dimethoxybenzeneethanamine and therefore is not captured under item 24 of Schedule III to the CDSA.

Prepared by: ___________________________ Date: __________
Benoit P. Séguin

Verified by: ___________________________ Date: __________
Mark Kozlowski

Approved by: ___________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Matt Dann, ORS
Drug Status Report

Drug: 25I-NBOH hydrochloride

Drug Name Status: 25I-NBOH hydrochloride is the common name.

Chemical Name: 2-((2-(4-iodo-2,5-dimethoxyphenyl)ethylamino)methyl)phenol hydrochloride

Other Names: NBOH-2Cl, Cimbi-27

Chemical structure:

![Chemical structure of 25I-NBOH and 2C-B]

Molecular Formula: C$_{17}$H$_{20}$NO$_3$I

Pharmacological class / Application: Hallucinogen

CAS-RN: 919797-20-9

International status:

US: 25I-NBOH hydrochloride is not listed specifically in the Schedules to 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: 25I-NBOH hydrochloride is not listed in the Schedules to the CDSA. The substance is an analogue of the 2C-B phenethylamine$^1$ which is currently listed as item 24 “4-Bromo-2,5-dimethoxybenzeneethanamine and any salt, isomer or salt of isomer thereof” in Schedule III to the CDSA. Since the analogues of 2C-B are not captured under the item heading, 25I-NBOH and its hydrochloride cannot be included under item 24 of Schedule III to the CDSA.

Recommendation: 25I-NBOH hydrochloride is not included in the schedules to the CDSA and is not a controlled substance.

Date: November 21$^{th}$, 2012