Health Canada
Santé Canada

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

Substance: 2,5-Dimethoxy-4-(isopropylthio)phenethylamine 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 cannot be captured under item 24 of Schedule III to the CDSA.

Prepared by: _____ Date: _____
Vincent Marleau

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

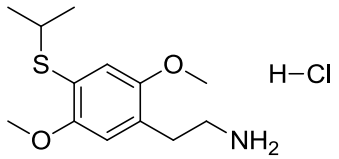
Drug: 2,5-Dimethoxy-4-(isopropylthio)phenethylamine hydrochloride

Drug Name Status: 2,5-Dimethoxy-4-(isopropylthio)phenethylamine hydrochloride is the common name.

Chemical Name: 2-(4-(isopropylthio)-2,5-dimethoxyphenyl)ethanamine hydrochloride

Other Names: 2C-T-4.

Chemical structure:



Molecular Formula: $C_{13}H_{22}ClNO_2S$ **CAS-RN:** 868738-44-7

Pharmacological class / Application: Hallucinogens

International status:

US: 2,5-Dimethoxy-4-(isopropylthio)phenethylamine 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: 2,5-Dimethoxy-4-(isopropylthio)phenethylamine hydrochloride is not listed in the Schedules to the CDSA. The substance is a designer phenethylamine derivative, which are known 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 2,5-Dimethoxy-4-(isopropylthio)phenethylamine hydrochloride is similar in structure to 2C-B, the derivatives and analogues of this substance are not included under item 24 of Schedule III to the CDSA. Therefore, 2,5-Dimethoxy-4-(isopropylthio)phenethylamine hydrochloride cannot be included under item 24 of Schedule III to the CDSA.

Recommendation: 2,5-Dimethoxy-4-(isopropylthio)phenethylamine hydrochloride is not included in the schedules to the CDSA and is not a controlled substance.

Date: September 17th, 2012.