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

Substance: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene

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 substance is not a salt of 4-bromo-2,5-dimethoxybenzenethanamine and its salts” and therefore it cannot be included under item 24 of Schedule III.

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: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene

Drug Name Status: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene is the common name.

Chemical Name: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene

Other Names: 2,5-Dimethoxy-4-ethylthio-beta-nitrostyrene; (Z)-(2,5-dimethoxy-4-(2-nitrovinyl)phenyl)(ethyl)sulfane.

Chemical structure:

![Chemical structure](image)

Molecular Formula: C\textsubscript{12}H\textsubscript{15}NO\textsubscript{4}S

Pharmacological class / Application: Fine chemical

CAS-RN: 681160-70-3

International status:

US: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene is not listed specifically in the Schedules to the US \textit{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: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene is not listed in the Schedules to the CDSA. The substance shows structural similarities to the 2C family of compounds e.g. to 2,5-dimethoxy-4-(n)-propylthiophenethylamine. However, the only 2C compound that is presently included under the CDSA is 2C-B, which is listed as item 24 in Schedule III as “4-bromo-2,5-dimethoxybenzenethanamine and its salts”. Since the substance is not a salt of 2C-B, it cannot be included under item 24 of Schedule III to the CDSA.

Recommendation: 1-(Ethylthio)-2,5-dimethoxy-4-(2-nitroethenyl)benzene is not included in the schedules to the CDSA and is not a controlled substance.

Date: November 5\textsuperscript{th}, 2012.