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

Substance: 1-(3,4-Methylenedioxyphenyl)-2-nitropropene

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 structurally similar to any of those listed in the Schedules 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: Anne-Marie Fortin, DAS
Drug Status Report

Drug: 1-(3,4-Methylenedioxyphenyl)-2-nitroprene

Drug Name Status: 1-(3,4-Methylenedioxyphenyl)-2-nitroprene is the common name.

Chemical Name: (E)-5-(2-nitroprop-1-en-1-yl)benzo[d][1,3]dioxole

Other Names: MDP-2-nitroprene.

Chemical structure:

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\begin{align*}
\text{Molecular Formula: } & C_{10}H_{9}NO_{4} & \text{CAS-RN: } & 5438-41-5 \\
\text{Pharmacological class / Application: } & \text{Fine chemical} \\
\text{International status:} & \\
\text{US: } & 1-(3,4-Methylenedioxyphenyl)-2-nitroprene is not listed specifically in the Schedules to the US \textit{Controlled Substances Act}. \\
\text{United Nations: } & \text{The substance is not listed on the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.} \\
\text{Canadian Status: } & 1-(3,4-Methylenedioxyphenyl)-2-nitroprene is not listed in the schedules to the CDSA. The substance is a precursor in the synthesis of 3,4-methylenedioxyethylamphetamine (MDMA), which is was previously reviewed and captured under item 1 of Schedule III of the CDSA under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:”. Although 1-(3,4-Methylenedioxyphenyl)-2-nitroprene is a precursor to MDMA, it cannot be included under item 1 of Schedule III to the CDSA. In addition, the substance does not have the core structure of the amphetamines and is not structurally similar to any of those listed in the CDSA. \\
\text{Recommendation: } & 1-(3,4-Methylenedioxyphenyl)-2-nitroprene is not included in the Schedules to the CDSA and is not a controlled substance, nor a precursor chemical. \\
\text{Date: } & \text{November 5}\textsuperscript{th}, 2012.
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\bibitem{swist2005}