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

Substance: 2-Chloro-5-nitro-1H-imidazole

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 does not display any structural similarity to those included in the schedules to the CDSA.

Prepared by: ________________________________ Date: ________________

Zack Li

Verified by: ________________________________ Date: ________________

Mark Kozlowski

Approved by: ________________________________ Date: ________________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Bruno Lafontaine, OCS
Drug Status Report

Drug: 2-Chloro-5-nitro-1H-imidazole

Drug Name Status: 2-Chloro-5-nitro-1H-imidazole is the common name.

Chemical Name: 2-chloro-5-nitro-1H-imidazole

Chemical structure:

\[
\begin{array}{c}
\text{O} \\
\text{N} \\
\text{N} \\
\text{Cl}
\end{array}
\]

Molecular Formula: C$_3$H$_2$ClN$_3$O$_2$

CAS-RN: 57531-37-0

Pharmacological class / Application: Fine chemical

International status:

US: 2-chloro-5-nitro-1H-imidazole 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-chloro-5-nitro-1H-imidazole is not listed in the schedules to the CDSA. The substance does not display any structural similarity to any of the substances included in the CDSA. Therefore, 2-chloro-5-nitro-1H-imidazole cannot be included under the schedules to the CDSA.

Recommendation: 2-chloro-5-nitro-1H-imidazole is not included under the schedules to the CDSA and is not a controlled substance.

Date: August 7th, 2012.