



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

Substance: 5-Chloro-2-nitrodiphenylamine

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 the substances listed in the Schedules to the CDSA.

Prepared by: Victoria-Magali Zelaya Date: August 9th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: "third party information removed as per agreement with applicant"

## Drug Status Report

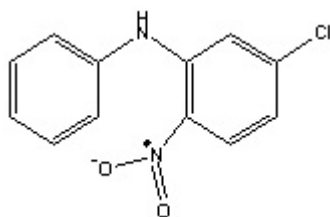
**Drug:** 5-Chloro-2-nitrodiphenylamine

**Drug Name Status:** 5-Chloro-2-nitrodiphenylamine is the chemical name.

**Chemical Name:** 5-Chloro-2-nitrodiphenylamine

**Other Name:** 5-Chloro-2-nitro-N-phenylbenzenamine;

**Chemical structure:**



**Molecular Formula:** C<sub>12</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>2</sub>

**Pharmacological class / Application:** Fine chemical

**CAS-RN:** 25781-92-4

**International status:**

US: The substance is not listed specifically in the CSA 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 5-Chloro-2-nitrodiphenylamine is a reagent used in organic synthesis reactions<sup>1</sup> and is claimed to be a starting material in the synthesis of clobazam, which is listed as item 18(5) under Schedule IV to the CDSA. The substance, however, is not listed specifically in the CDSA and does not contain the core structure of the benzodiazepines. It also is not structurally similar to any of the other substances included in the Schedules to the CDSA.

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<sup>1</sup>Finch et al. (1996), 1,5-Benzodiazepine Derivatives, United States Patent, Patent number: 5,580,895.

**Recommendation:** 5-Chloro-2-nitrodiphenylamine is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** August 9th 2010