



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

Substance: Isosorbide dinitrate

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 similar to any of those included in the Schedules to the CDSA.

Prepared by: Evelyn C Soo Date: Nov 19th 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

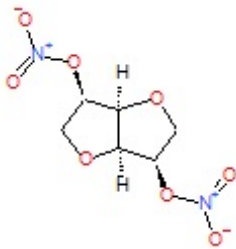
**Drug:** Isosorbide dinitrate

**Drug Name Status:** Isosorbide dinitrate is the proper (INN) name.

**Chemical Name:** 1,2:3,6-Dianhydrosorbitol 2,5-dinitrate

**Other Names:** 1,4:3,6-Dianhydro-D-glucitol dinitrate; Dilatrate; Isordil

**Chemical structure:**



**Molecular Formula:** C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>8</sub>

**Pharmacological class / Application:** Vasodilator

**CAS-RN:** 87-33-2

**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: Isosorbide dinitrate is a drug used for the treatment of heart failure<sup>1</sup>. The drug is not currently listed in the CDSA and is not similar in structure to any of those included in the Schedules to the CDSA.

**Recommendation:** Isosorbide dinitrate is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** November 19<sup>th</sup> 2010

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<sup>1</sup>Thadani, U and Jacob RG. (2008) Isosorbide dinitrate/hydralazine: its role in the treatment of heart failure, *Drugs of Today*, **44**:925-937.