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

Substance: Milnacipran

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 similar to any of the substances included in the schedules to the CDSA.

Prepared by: ________________________________ Date: Dec 7th 2010

Evelyn Soo

Verified by: ________________________________ Date: __________

Marianne Tang

Approved by: ________________________________ Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Nacer Silarbi
**Drug Status Report**

**Drug:** Milnacipran

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

**Chemical Name:** $(\pm)$-cis-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide

**Other Names:** (-)-Milnacipran, Midalcipran, Milnacipranum, Toledomin

**Chemical structure:**

![Chemical structure of Milnacipran](image)

**Molecular Formula:** $C_{15}H_{21}N_2O$

**CAS-RN:** 92623-85-63

**Pharmacological class / Application:** Serotonin-norepinephrine reuptake inhibitor (SNRI)

**International status:**

US: Milnacipran is not currently listed 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: Milnacipran is a serotonin-norepinephrine reuptake inhibitor and has been used for the treatment of depression¹ and more recently, reported in the scientific literature to be an effective treatment for chronic pain including fibromyalgia². The substance is not listed specifically in the CDSA and is not similar in structure to any of the substances included in the Schedules to the CDSA.

¹Nakagawa, A. *et al.* (2008) Efficacy and tolerability of milnacipran in the treatment of major depression in comparison with other antidepressants: a systematic review and meta-analysis, CNS Drugs, **22**:587-602.

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

**Date:** 7 December 2010