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

Substance: Agomelatine

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 those included in the Schedules to the CDSA.

Prepared by: ________________________________ Date: Jan 6th 2011

Evelyn Soo

Verified by: ________________________________ Date: ______

Marianne Tang

Approved by: ________________________________ Date: ______

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Inspectorate
Drug Status Report

**Drug:** Agomelatine

**Drug Name Status:** Agomelatine is the common name.

**Chemical Name:** N-(2-(7-methoxy-1-naphthalenyl)ethyl)acetamide

**Other Names:** N-(2-(7-methoxy-1-naphthyl)ethyl)acetamide; N-(2-(7-methoxynaphth-1-yl)ethyl)acetamide; Thymanax; Valdoxan

**Chemical structure:**

![Chemical structure of Agomelatine](image)

**Molecular Formula:** \( C_{15}H_{17}N_2O_2 \)

**CAS-RN:** 138112-76-2

**Pharmacological class / Application:** Antidepressant

**International status:**

**US:** Agomelatine 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:** Agomelatine is not currently listed in the CDSA. The substance is an acetamide naphthalene analogue of melatonin and is used for the treatment of depression\(^1\). Agomelatine is not structurally similar to any of the substances listed in the Schedules to the CDSA.

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

**Date:** 6 January 2011

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