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

Substance: C-8813

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: Jocelyn Kula, OCS
Drug Status Report

**Drug:** C-8813

**Drug Name Status:** C-8813 is the common name.

**Chemical Name:** trans-4-(p-Bromophenyl)-4-(dimethylamino)-1-(2-(thiophen-2-yl)ethyl)cyclohexanol

**Other Names:** 4-(4-bromophenyl)-4-(dimethylamino)-1-(2-(thiophen-2-yl)ethyl)cyclohexanol

**Chemical structure:**

![Chemical structure of C-8813]

**Molecular Formula:** C$_{20}$H$_{26}$NOS

**CAS-RN:** N/A

**Pharmacological class / Application:** Pharmaceutical-related substance

**International status:**

US: C-8813 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: C-8813 is not listed in the schedules to the CDSA. While the substance is a potent opioid receptor agonist 3 times more potent than morphine, C-8813 does not display any structural similarity to any of the substances included in the CDSA. It is noteworthy that a similar compound, bromadol, was previously reviewed and also considered not controlled under the CDSA. Therefore, C-8813 is not included under the schedules to the CDSA and is not a controlled substance.

**Recommendation:** C-8813 is not included under the schedules to the CDSA and is not a controlled substance.

**Date:** June 20th, 2012.

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