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

Substance: 1-(1-(2-thienyl)cyclohexyl)pyrrolidine

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 a 2-thienyl analogue of phencyclidine and therefore included under item 14 of Schedule I to the CDSA.

Prepared by: _________________________________________  Date: Dec 4th 2010
Evelyn Soo

Verified by: _________________________________________  Date: __________
Marianne Tang

Approved by: _________________________________________  Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by:  “third party information removed as per agreement with applicant”
Drug Status Report

**Drug:** 1-(1-(2-thienyl)cyclohexyl)pyrrolidine

**Drug Name Status:** 1-(1-(2-thienyl)cyclohexyl)pyrrolidine is the common name.

**Chemical Name:** 1-(1-(2-thienyl)cyclohexyl)pyrrolidine

**Other Names:** TCPy

**Chemical structure:**

![Chemical structure of 1-(1-(2-thienyl)cyclohexyl)pyrrolidine]

**Molecular Formula:** $C_{14}H_{21}NS$

**Pharmacological class / Application:** Hallucinogen

**CAS-RN:** 22912-13-6 (22912-14-7 for HCl)

**International status:**

US: 1-(1-(2-thienyl)cyclohexyl)pyrrolidine is controlled in schedule I to the US *Controlled Substances Act*.  

United Nations: The substance is not listed specifically on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 1-(1-(2-thienyl)cyclohexyl)pyrrolidine is not listed specifically in the CDSA. However, the substance is a 2-thienyl analogue of phencyclidine and it has been well-established in the scientific literature that 1-(1-(2-thienyl)cyclohexyl)pyrrolidine is a potent ligand of the phencyclidine (PCP) receptor and causes ataxia$^{1,2}$. Phencyclidine is currently listed as item 14 in


Schedule I to the CDSA under the heading “Phencyclidine (1-(1-phenylecyclohexyl)piperidine), its salts, derivative and analogues and salts of derivatives and analogues, including.” As an analogue of phencyclidine, 1-(1-(2-thienyl)cyclohexyl)pyrrolidine must therefore be included under item 14 of Schedule I to the CDSA. The salts of 1-(1-(2-thienyl)cyclohexyl)pyrrolidine would also have the same status.

**Recommendation:** 1-(1-(2-thienyl)cyclohexyl)pyrrolidine is included under item 14 of Schedule I to the CDSA and is a controlled substance.

**Date:** 4 December 2010