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

Substance: Trifluoperazine-N-β-D-glucuronide chloride

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 metabolite of trifluoperazine, which is regulated under Schedule F to the Food and Drugs Regulations.

Prepared by: ____________________________ Date: April 18th 2011

Evelyn Soo

Verified by: ____________________________ Date: __________

Kim Barber

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:** Trifluoperazine-N-β-D-glucuronide chloride

**Drug Name Status:** Trifluoperazine-N-β-D-glucuronide chloride is the common name.

**Chemical Name:**
1-β-D-Glucopyranuronosyl-1-methyl-4-[3-[2-(trifluoromethyl)-10H-phenothiazin-10-yl]propyl] piperazinium chloride

**Chemical structure:**

![Chemical Structure Image]

**Molecular Formula:** C_{27}H_{32}F_{3}N_{3}O_{6}SCl

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

**CAS-RN:** 165602-90-4

**International status:**

US: Trifluoperazine-N-β-D-glucuronide chloride is not listed in the 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Trifluoperazine-N-β-D-glucuronide chloride is not listed in the schedules to the CDSA. The substance is metabolite of trifluoperazine, an antipsychotic drug used for the treatment of schizophrenia and which is currently regulated under Schedule F to the Food and Drugs Regulations. As trifluoperazine, is not controlled under the CDSA, its glucuronide would also not be considered controlled under the CDSA. It is noteworthy that trifluoperazine is not structurally similar to any of the substances included in schedules to the CDSA.

**Recommendation:** Trifluoperazine-N-β-D-glucuronide is not included in the Schedules to the CDSA is not a controlled substance.

**Date:** 18 April 2011