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

Substance:  (S)-N-Tosyl amphetamine and bis(tert-butoxycarbonyl) lisdexamphetamine

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 substances are derivatives of amphetamine and therefore included under item 1 of Schedule III to the CDSA.

Prepared by:  ________________________________                             Date:  Feb 23rd 2011

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:**
I - (S)-N-tosyl amphetamine  
II - Bis(tert-butoxycarbonyl) lisdexamphetamine

**Drug Name Status:**  
I - (S)-N-tosyl amphetamine  
II - Bis(tert-butoxycarbonyl) lisdexamphetamine are the common names.

**Chemical Name:**  
I - (S)-4-Methyl-N-(1-methyl-2-phenylethyl)-benzenesulfonamide  
II - [(1S)-1-[[[(1S)-1-Methyl-2-phenylethyl]amino]carbonyl]-1,5-pentanediyl]bis-carbamic acid, Bis(1,1-dimethylethyl) Ester

**Other Names:**  
I - 4-Methyl-N-[(1S)-1-methyl-2-phenylethyl]-benzenesulfonamide  
II - NONE

**Chemical structure:**

![Chemical structure image]

**Molecular Formula:**  
I - C\textsubscript{16}H\textsubscript{19}NO\textsubscript{2}S; II - C\textsubscript{25}H\textsubscript{41}N\textsubscript{3}O\textsubscript{5}

**Pharmacological class / Application:** Derivatives of amphetamine

**CAS-RN:**  
I - 34542-12-6; II - 819871-13-1

**International status:**

US: (S)-N-Tosyl amphetamine and bis(tert-butoxycarbonyl) lisdexamphetamine are not listed specifically in the Schedules to the US *Controlled Substances Act* and are not mentioned
anywhere on the DEA website. However, amphetamine is controlled under Schedule II to the US Controlled Substances Act.

United Nations: The substances are 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. However, amphetamine is listed in Schedule II of the Green List.

Canadian Status: (S)-N-tosyl amphetamine and bis(tert-butoxycarbonyl) lisdexamphetamine are not listed specifically in the CDSA. However, as derivatives of amphetamine, the substances are included under heading “Amphetamines, their salts, derivatives, isomers, analogues and salts of derivatives, isomers and analogues, including:” of item 1 of Schedule III to the CDSA.

**Recommendation:** (S)-N-tosyl amphetamine and bis(tert-butoxycarbonyl) lisdexamphetamine are included under item 1 of schedule III to the CDSA and are controlled substances.

**Date:** 23 February 2011