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

Substance: Androstanolone 17-O-beta-glucuronide

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled  X
- Not Controlled  ☐

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance is a derivative of androstanolone and is controlled under sub-Item 23(2) of Schedule IV 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: “third party information removed as per agreement with applicant”
Drug Status Report

**Drug:** Androstanolone 17-O-beta-glucuronide

**Drug Name Status:** Androstanolone 17-O-beta-glucuronide is the common name.

**Chemical Name:** \((2S,3S,4S,5R,6R)-6-(((5S,8R,9S,10S,13S,14S,17S)-10,13\text{-}\text{dimethyl}-3\text{-}\text{oxohexadecahydro}-1H\text{-}\text{cyclopenta[a]phenanthren-17-yl}o\text{xy})-3,4,5\text{-}\text{trihydroxytetrahydro-2H-pyr}an-2\text{-}\text{carboxylic acid}}

**Other Names:** Stanolone 17-O-beta-glucuronide; Androstanolone glucuronide; 5-alpha-dihydrotestosterone glucuronide

**Chemical structure:**

![Chemical structure image]

**Molecular Formula:** C_{25}H_{38}O_{8}  
**CAS-RN:** N/A

**Pharmacological class / Application:** Steroid derivative

**International status:**

US: Androstanolone 17-O-beta-glucuronide 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: Androstanolone 17-O-beta-glucuronide is not listed specifically in the CDSA. The substance is a derivative of androstanolone, which is listed as Sub-Item 23(2) “Androstanolone (17b-hydroxy-5a-androstane-3-one)” in Schedule IV to the CDSA under the heading “Anabolic steroids and their derivatives”. Accordingly, as a derivative of androstanolone, androstanolone 17-O-beta-glucuronide must be included under Sub-Item 23(2) of Schedule IV to the CDSA.

**Recommendation:** Androstanolone 17-O-beta-glucuronide is included under Sub-Item 23(2) of Schedule IV to the CDSA and is a controlled substance.

**Date:** July 5th, 2012.