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

Substance: Androstane-3,17-diol glucuronide

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 derivative of an anabolic steroid and therefore included under Item 23 of Schedule IV to the CDSA.

Prepared by: ________________________________  Date: October 17th, 2011
Vincent Marleau

Verified by: ________________________________  Date: __________
Mark Kozlowski

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

This status was requested by: Nacer Silarbi
Drug Status Report

Drug: Androstane-3,17-diol glucuronide

Drug Name Status: Androstane-3,17-diol glucuronide is the common name.

Chemical Name: beta-D-Glucopyranuronic acid, monoglycoside with (3alpha,5alpha,17beta)-androstane-3,17-diol

Other Names: 3,17-Androstanediol glucuronide; 3-Hydroxyandrostan-17-yl-glucopyranosiduronic acid; 3-alpha-Androstanediol glucuronide; 3alpha-Diol G; 5-alpha-Androstane-3alpha,17beta-diol glucuronide.

Chemical structure:

Molecular Formula: C_{25}H_{40}O_{8}

Pharmacological class / Application: Steroid derivative

CAS-RN: 27195-25-1

International status:

US: Androstane-3,17-diol glucuronide is not Schedules to the CSA 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: Androstane-3,17-diol glucuronide is not listed specifically in the CDSA. This substance is a metabolite of dihydroxytestosterone (stanolone)\(^1\), which is controlled under Sub-

Item 23(2) of Schedule IV. As a derivative of an anabolic steroid, androstane-3,17-diol glucuronide is included under the heading “Anabolic steroids and their derivatives including;” and is considered controlled under Item 23 of Schedule IV to the CDSA.

**Recommendation:** Androstane-3,17-diol glucuronide is included under item 23 of Schedule IV to the CDSA and is a controlled substance.

**Date:** October 17th, 2011