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

Substance: 2beta-Hydroxytestosterone acetate

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 2beta-hydroxytestosterone and is captured under item 23(40) 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:** 2beta-Hydroxytestosterone acetate

**Drug Name Status:** 2beta-Hydroxytestosterone acetate is the common name.

**Chemical Name:** (2S,8R,9S,10R,13S,14S,17S)-2-hydroxy-10,13-dimethyl-3-oxo-2,3,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl acetate

**Other Names:** 2-hydroxy-3-oxoandrost-4-en-17-yl acetate

**Chemical structure:**

![Chemical structure of 2beta-Hydroxytestosterone acetate]

**Molecular Formula:** C$_{21}$H$_{30}$O$_4$  
**CAS-RN:** Unknown

**Pharmacological class / Application:** Anabolic Steroid

**International status:**

US: 2beta-Hydroxytestosterone acetate 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: 2beta-Hydroxytestosterone acetate is not listed specifically in the schedules to the CDSA. The substance has been reported to be derivative of testosterone$^1$, which is currently listed as item 23(40) “Testosterone (17ß-hydroxyandrost–4–en–3–one)” in Schedule IV of the CDSA under the heading “Anabolic steroids and their derivatives”. As a derivate of testosterone, 2beta-Hydroxytestosterone acetate is also captured under item 23(38) of Schedule IV to the CDSA.

**Recommendation:** 2beta-Hydroxytestosterone acetate is included under sub-item 23(40) of Schedule IV to the CDSA and is a controlled substance.

**Date:** August 3, 2012.

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