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

Substance:  
I - 3beta,5alpha,6beta-Trihydroxyandrostan-17-one  
II - 3beta,7beta-dihydroxy-5alpha-androstan-17-one  

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 have not been reported to display any anabolic activity nor are they derived from anabolic steroids.

Prepared by: ______________________________________  Date: ____________  
Evelyn Soo  

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:**
I - 3beta,5alpha,6beta-Trihydroxyandrostan-17-one  
II - 3beta,7beta-Dihydroxy-5alpha-androstan-17-one

**Drug Name Status:**
I - 3beta,5alpha,6beta-Trihydroxyandrostan-17-one  
II - 3beta,7beta-Dihydroxy-5alpha-androstan-17-one are the common names.

**Chemical Name:**
I - 3beta,5alpha,6beta-Trihydroxyandrostan-17-one  
II - 3beta,7beta-Dihydroxy-5alpha-androstan-17-one

**Other Names:**
I - Androstan-3beta,5alpha-6beta-triol-17-one  
II - 5alpha-Androstan-3beta,7beta-ol-17-one

**Chemical structure:**

![Chemical structure images]

**Molecular Formula:** I - C_{19}H_{30}O_{4}; II - C_{19}H_{30}O_{3}

**CAS-RN:** N/A

**Pharmacological class / Application:** Steroids

**International status:**

US: 3beta,5alpha,6beta-Trihydroxyandrostan-17-one and 3beta,7beta-dihydroxy-5alpha-androstan-17-one are not listed on the schedules to the US Controlled Substances Act and are not mentioned anywhere on the DEA website.

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.
Canadian Status: 3beta,5alpha,6beta-Trihydroxyandrostan-17-one and 3beta,7beta-dihydroxy-5alpha-androstan-17-one are not listed in the CDSA. The substances are steroids and have not been reported in the scientific literature to display any anabolic activity nor derived from an anabolic steroid. Therefore, 3beta,5alpha,6beta-Trihydroxyandrostan-17-one and 3beta,7beta-dihydroxy-5alpha-androstan-17-one cannot be included under item 23 of Schedule IV

**Recommendation:** 3beta,5alpha,6beta-Trihydroxyandrostan-17-one and 3beta,7beta-dihydroxy-5alpha-androstan-17-one are not included in the Schedules to the CDSA and are not controlled substances.

**Date:** August 31st, 2011