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

Substance: 3-Hydroxy-5alpha-androst-1-en-17-one

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

- Controlled ☐
- Not Controlled X

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

- There are no reports in the scientific literature that 3-hydroxy-5alpha-androst-1-en-17-one is an anabolic steroid or is a derivative of an anabolic steroid.

Prepared by: _______________________________ Date: _______________
Evelyn C Soo

Verified by: _______________________________ Date: _______________
Mark Kozlowski

Approved by: _______________________________ Date: _______________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Idralyn Alarcon, CBSA
Drug Status Report

**Drug:** 3-Hydroxy-5alpha-androst-1-en-17-one

**Drug Name Status:** 3-Hydroxy-5alpha-androst-1-en-17-one is the common name.

**Chemical Name:** 3-Hydroxy-5alpha-androst-1-en-17-one

**Chemical structure:**

![Chemical structure of 3-Hydroxy-5alpha-androst-1-en-17-one]

**Molecular Formula:** C\textsubscript{19}H\textsubscript{28}O\textsubscript{2}

**Pharmacological class / Application:** Steroid

**CAS-RN:** Unknown

**International status:**

**US:** 3-Hydroxy-5alpha-androst-1-en-17-one 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:** 3-Hydroxy-5alpha-androst-1-en-17-one is not listed in the schedules to the CDSA. The substance has been reported to be an ingredient in products that are marketed for body building purposes\(^1\). However, there are no reports in the scientific literature that this steroid displays any anabolic activity or that it is derived from an anabolic steroid. Accordingly, 3-hydroxy-5alpha-androst-1-en-17-one cannot be included under item 23 “Anabolic steroids and their derivatives” of item 23 of Schedule IV to the CDSA.

**Recommendation:** 3-Hydroxy-5alpha-androst-1-en-17-one is not included in item 23 of Schedule IV to the CDSA and is not a controlled substance.

\(^1\) [http://anabolicminds.com/forum/steroids/151529-finaflex-1-andro.html](http://anabolicminds.com/forum/steroids/151529-finaflex-1-andro.html)
Date: April 13th, 2012.