



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

Substance: 17alpha-methyl epitestosterone

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 epitestosterone and has not been reported in the literature to display any anabolic activity.

Prepared by: \_\_\_\_\_ Date: Sept 22<sup>nd</sup> 2010  
Evelyn Soo

Verified by: \_\_\_\_\_ Date: \_\_\_\_\_  
Marianne Tang

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:** 17alpha-methylepitestosterone

**Drug Name Status:** 17alpha-methylepitestosterone is the common name.

**Chemical Name:** (17-alpha)-17-hydroxyandrost-4-en-3-one

**Chemical structure:**



*Epitestosterone*

**Molecular Formula:**  $C_{20}H_{30}O_2$

**Pharmacological class / Application:** Steroid derivative

**CAS-RN:** 2607-14-9

**International status:**

US: The substance is not in the 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, nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 17alpha-methylepitestosterone is a derivative of epitestosterone and there are no reports in the current scientific literature which suggest that this substance displays any anabolic activity. Anabolic steroids and their derivatives are currently controlled under item 23 of Schedule IV to the CDSA. An earlier review of epitestosterone determined that it did not display any anabolic activity and therefore it was not included under item 234 of Schedule IV. Since 17alpha-methylepitestosterone is not derived from an anabolic steroid and does not appear to display anabolic activity, the substance cannot be included under item 23 of Schedule IV to the CDSA.

**Recommendation:** 17alpha-methylepitestosterone is not included under item 23 of Schedule IV to the CDSA and is not a considered controlled substance.

**Date:** 22 September 2010