



Health
Canada

Santé
Canada



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

Substance: 11alpha-hydroxymethyltestosterone

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 metabolite of formebolone and therefore is included under item 23(17) of Schedule IV to the CDSA.

Prepared by: _____
Evelyn Soo

Date: Sept 1st 2010

Verified by: _____
Marianne Tang

Date: _____

Approved by: _____
DIRECTOR, OFFICE OF
SUBSTANCES

Date: _____
CONTROLLED

This status was requested by: Eva Roig

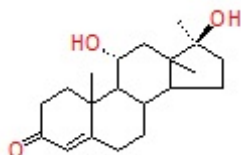
Drug Status Report

Drug: 11alpha-hydroxymethyltestosterone

Drug Name Status: 4-Androsten-17alpha-methyl-11alpha,17beta-diol-3-one

Chemical Name: Androst-4-ene-3-one, 11,17-dihydroxy-17methyl-(11alpha,17beta) -

Chemical Structure:



Molecular Formula: C₂₀H₃₀O₃

Pharmacological class / Application: steroid derivative

CAS-RN: 1807-02-9

International status:

US: The substance is not current listed in the CSA and is not mentioned anywhere on the DEA website.

United Nations: The substance is not listed the Green List - List of Psychotropic Substances under International Control nor the Yellow List - List of Narcotic Drugs under International Control.

Canadian Status: 11alpha-hydroxymethyltestosterone has been shown in the scientific literature to be a prominent urinary metabolite of formebolone¹, an anabolic steroid which is currently listed as sub-item 17 under item 23 of Schedule IV to the CDSA. As a metabolite of formebolone, 11alpha-hydroxymethyltestosterone is considered to be a derivative of formebolone and therefore must be included under the heading "Anabolic steroids and their derivatives including" of item 23 of Schedule IV to the CDSA.

Recommendation: 11alpha-hydroxymethyltestosterone is included under item 23(17) of Schedule IV to the CDSA and is a controlled substance.

Date: 1 September 2010

¹Massé R. *et al.* (1991) Studies on anabolic steroids. VII Analysis of urinary metabolites of formebolone in man by gas chromatography-mass spectrometry, *Analytica Chimica Acta*, **247**:211-221.