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

Substance: 4-Dihydro boldenone

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 boldenone and included under item 23 of Schedule IV to the CDSA.

Prepared by: ___________________________ Date: Jan 12th, 2012
Evelyn C 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: 4-Dihydro boldenone

Drug Name Status: 4-Dihydro boldenone is the common name.

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

Other Names: 5beta-Androst-1-en-17beta-ol-3-one; 5beta-Androst-1-ene-17beta-ol-3-one

Chemical structure:

Molecular Formula: \( C_{19}H_{28}O_2 \)

Pharmacological class / Application: Steroid metabolite

CAS-RN: 10529-96-1

International status:

US: 4-Dihydro boldenone is not listed in 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: 4-Dihydro boldenone is not listed specifically in the CDSA. The substance is reported in the scientific literature to be a metabolite of boldenone\(^1\) which is currently listed as sub-item 23(7) in Schedule IV to the CDSA, under the heading “Anabolic steroids and their derivatives”. As a metabolite of boldenone, the substance must be included under item 23 of

Schedule IV to the CDSA.

**Recommendation:** 4-Dihydro boldenone is included under item 23 of Schedule IV to the CDSA and is a controlled substance.

**Date:** January 12, 2012