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

Substance:  Estra-4,9,11-triene-3,17-dione

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 trenbolone and is captured under Item 23 of Schedule IV to the CDSA.

Prepared by:  _________________________________  Date:  ____________
Evelyn C Soo

Verified by:  _________________________________  Date:  ____________
Mark Kozlowski

Approved by:  _________________________________  Date:  ____________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Marie-Pier Corriveau, Compliance
Drug Status Report

Drug: Estra-4,9,11-triene-3,17-dione

Drug Name Status: Estra-4,9,11-triene-3,17-dione is the common name.

Chemical Name: Estra-4,9,11-triene-3,17-dione

Chemical structure:

Molecular Formula: C_{9}H_{7}NO_{3}  CAS-RN: 5841-63-4

Pharmacological class / Application: Steroid

International status:

US: Estra-4,9,11-triene-3,17-dione is not listed specifically in the Schedules to the US Controlled Substances Act. However, the substance was listed on 15 December 2012 on the “Designer Anabolic Steroid Control Act of 2010”.

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: Estra-4,9,11-triene-3,17-dione is not listed specifically in the CDSA. The substance is a metabolite of trenbolone which is currently listed as sub-item 23(43) in Schedule IV to the CDSA under the heading “Anabolic steroids and their derivatives”. As a metabolite of trenbolone, the substance is captured under item 23 of Schedule IV to the CDSA.

Recommendation: Estra-4,9,11-triene-3,17-dione is included under item 23 of Schedule IV to the CDSA and is a controlled substance.

Date: August 30th, 2012.

1 http://www.gpo.gov/fdsys/pkg/BILLS-111s4032is/html/BILLS-111s4032is.htm