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

Substance: Altrenogest

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 an analogue of progesterone and has not been reported to display any anabolic activity nor derived from an anabolic steroid.

Prepared by: _____________________________ Date: September 26th, 2011

Vincent Marleau

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: Altrenogest

Drug Name Status: Altrenogest is the common name.

Chemical Name: (17beta)-17-Hydroxy-17-(2-propenyl)estra-4,9,11-trien-3-one

Other Names: Estra-4,9,11-trien-3-one, 17-alpha-allyl-17-hydroxy-; Estra-4,9,11-trien-3-one, 17-hydroxy-17-(2-propenyl)-, (17-beta)-(9CI): Estra-4,9,11-trien-3-one, 17beta-hydroxy-17-(2-propenyl)-; 17-alpha-Allyl-estratriene-4,9,11,17-beta-ol-3-one; 17alpha-Allyl-17-hydroxyestra-4,9,11-trien-3-one; Allyl trenbolone.

Chemical structure:

\[
\text{Chemical structure image}
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Molecular Formula: \(\text{C}_{21}\text{H}_{26}\text{O}_2\)

CAS-RN: 850-52-2

Pharmacological class / Application: Steroid derivative

International status:
US: Altrenogest is not listed on 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: Altrenogest is not currently listed in the schedules to the CDSA. The substance is considered to be a synthetic analogue of progesterone\(^1\) and is used to control estrus

Altrenogest has not been reported in the scientific literature to display any anabolic activity nor to be a derivative of an anabolic steroid and therefore it cannot be included under item 23 “Anabolic steroids and their derivatives” of Schedule IV to the CDSA.

**Recommendation:** Altrenogest is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** September 26th, 2011

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