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

Substance: Conjugated progesterone-11-alpha-hemisuccinate hapten

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 not an anabolic steroid nor a derivative of an anabolic steroid and therefore is not included under item 23 of Schedule IV to the CDSA.

Prepared by: ___________________________ Date: _____________

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**: Conjugated progesterone-11-alpha-hemisuccinate hapten

**Drug Name Status**: Conjugated progesterone-11-alpha-hemisuccinate hapten is the common name.

**Chemical Name**: 4-Pregnen-11a-ol-3,20-dione hemisuccinate hapten conjugate

**Other Names**: Progesterone-11-alpha-hemisuccinate hapten conjugate; 11’alpha-Hydroxyprogesterone hemisuccinate hapten conjugate; P4-11alpha-hemisuccinate hapten conjugate; P4-11alpha-HS hapten conjugate.

**Chemical structure**:

![Chemical structure image]

**Molecular Formula**: C_{25}H_{34}O_{6}  
**CAS-RN**: N/A

**Pharmacological class / Application**: Steroid

**International status**:

US: Conjugated progesterone-11-alpha-hemisuccinate hapten is not listed specifically in 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: Conjugated progesterone-11-alpha-hemisuccinate hapten is not listed in the Schedules to the CDSA. The substance is a derivative of progesterone and is used to synthesize a protein labelled version of the steroid.\(^1\) Progesterone is regulated under Schedule F of the *Food and Drugs Regulations* and is not listed under item 23 of Schedule IV to the CDSA. Accordingly, conjugated progesterone-11-alpha-hemisuccinate hapten is not an anabolic steroid.

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nor a derivative of an anabolic steroid and cannot be included under item 23 “Anabolic steroids and their derivatives including:” of Schedule IV to the CDSA.

**Recommendation:** Conjugated progesterone-11-alpha-hemisuccinate hapten is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** April 10\textsuperscript{th}, 2013.