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

Substance: 3-O-Methyl 17alpha-Estradiol

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 has not been reported in the literature to display any anabolic activity nor is it derived from an anabolic steroid. Therefore, it cannot be included in any of the schedules to the CDSA.

Prepared by: ____________________________ Date: October 17th, 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:** 3-O-Methyl 17alpha-Estradiol

**Drug Name Status:** 3-O-Methyl 17alpha-Estradiol is the common name.

**Chemical Name:** 17alpha-Hydroxy-3beta-methoxy-estra-1,3,5(10)-triene

**Other Names:** 17alpha-Estradiol 3-Methyl Ether, 3-Methoxyestra-1,3,5(10)-triene-17alpha-ol

**Chemical structure:**

![Chemical structure of 3-O-Methyl 17alpha-Estradiol]

**Molecular Formula:** C₁₉H₂₆O₂

**CAS-RN:** 3434-76-2

**Pharmacological class / Application:** Steroid

**International status:**

US: 3-O-Methyl 17alpha-estradiol is not listed 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: 3-O-Methyl 17alpha-estradiol is not currently listed in the CDSA. The substance is a steroid and a metabolite of 17alpha-estradiol, which was previously reviewed and was deemed not controlled under the CDSA. “Anabolic steroids and their derivatives” are currently listed under item 23 of Schedule IV to the CDSA. As 3-O-methyl 17alpha-estradiol is not a derivative of an anabolic steroid, it cannot be included under item 23 of Schedule IV to the CDSA.

**Recommendation:** 3-O-Methyl 17alpha-estradiol is not included under any schedules to the CDSA and is not a controlled substance.
Date: October 17th, 2011