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

Substances:  (7alpha)-Methyl androstenedione 3-ethylene ketal

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled □
- Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance is not an anabolic steroid and therefore cannot be 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:** (7alpha)-Methyl androstenedione 3-ethylene ketal

**Drug Name Status:** (7alpha)-Methyl androstenedione 3-ethylene ketal is the common name.

**Chemical Name:** (7R,8R,9S,13S,14S)-7,13-Dimethyl-1,2,6,7,8,9,11,12,13,14,15,16-dodecahydrospiro[cyclopenta[alphenanthrene-3,2'-[1,3]dioxolan]-17(4H)-one

**Other Names:** (7α)-7-Methyl-estr-5(10)-ene-3,17-dione cyclic 3-(1,2-ethanediyl Acetal)

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula:** C_{21}H_{30}O_{3}

**Pharmacological class / Application:** Steroid

**CAS-RN:** 141664-12-2

**International status:**

US: (7alpha)-Methyl androstenedione 3-ethylene ketal 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: (7alpha)-Methyl androstenedione 3-ethylene ketal is not listed in the Schedules to the CDSA. The substance is synthesized from 7alpha-methyl-19-nortestosterone (MENT), which has not been reported to display any anabolic activity and therefore not captured under item 23 of Schedule IV to the CDSA under the heading: “Anabolic steroids and their derivatives” as a derivative of testosterone. In addition, there are no reports in the scientific literature that this steroid displays any anabolic activity or is directly derived from an anabolic steroid listed in the CDSA.

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Recommendation: (7alpha)-Methyl androstenedione 3-ethylene ketal is not included in the Schedules to the CDSA and is not a controlled substance.

Date: October 24th, 2012.