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

Substance: Androstenediol-3-acetate

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

- Controlled [X]
- Not Controlled [☐]

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

- The substance is a derivative of androstenediol and is captured under sub-item 23(3) 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: Anne-Marie Fortin, DAS
Drug Status Report

**Drug:** Androstenediol-3-acetate

**Drug Name Status:** Androstenediol-3-acetate is the common name.

**Chemical Name:** 17beta-Hydroxyandrost-5-ene-3beta-yl acetate

**Other Names:** 5-androstene-3b,17b-diol-3-acetate; Androst-5-ene-3beta,17beta-diol, 3-acetate.

**Chemical structure:**

![Chemical Structure](image)

**Molecular Formula:** \( \text{C}_{21}\text{H}_{32}\text{O}_{3} \)

**Pharmacological class / Application:** Androstenediol derivative

**CAS-RN:** 1639-43-6

**International status:**

US: Androstenediol-3-acetate 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: Androstenediol-3-acetate is not specifically listed in the Schedules to the CDSA. The substance is a derivative of androstenediol, which is currently listed as sub-item 23(3) in Schedule IV to the CDSA under the heading: “Anabolic steroids and their derivatives including”. Since androstenediol-3-acetate is a derivatives of androstenediol, it must also be included under item 23(11) of Schedule IV to the CDSA.

**Recommendation:** (5alpha)-17,17-Dimethyl-18-nor-2-oxa-androst-13-en-3-one is included under as sub-item 23(3) in Schedule IV to the CDSA and is a controlled substance.

**Date:** September 10\(^{th}\), 2012.