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

Substance: 5,16-Androstadien-3beta-ol-17beta-carboxylate

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 does not fall under item 23 of Schedule IV to the CDSA.

Prepared by: _______________________________ Date: Jan 16th 2012

Evelyn C Soo

Verified by: _______________________________ Date: __________

Mark Kozlowski

Approved by: _______________________________ Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Eva Roig, OCS
Drug Status Report

**Drug:** 5,16-Androstadien-3beta-ol-17beta-carboxylate

**Drug Name Status:** Etiadienic acid is the common name.

**Chemical Name:** Androsta-5,16-dien-3beta-ol-17-carboxylic acid

**Other Names:** Andien-beta carboxylic acid

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula:** C_{20}H_{28}O_3

**Pharmacological class / Application:** Steroid

**CAS-RN:** Unknown

**International status:**

US: 5,16-Androstadien-3beta-ol-17beta-carboxylate is not listed in 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: 5,16-Androstadien-3beta-ol-17beta-carboxylate is not listed in the schedules to the CDSA. The substance is the carboxylate derivative of androsta-5,16-dien-3beta-ol (andien-β), which was reviewed previously and not included under item 23 of Schedule IV to the CDSA. There are also no reports in the scientific literature of the substance displaying any anabolic activity. Accordingly, 5,16-androstadien-3beta-ol-17beta-carboxylate cannot be included under item 23 “Anabolic steroids and their derivatives” of Schedule IV to the CDSA.
**Recommendation:** 5,16-Androstadien-3beta-ol-17beta-carboxylate is not included under item 23 of Schedule IV to the CDSA and is not a controlled substance.

**Date:** January 16th, 2012