Health Canada Santé Canada

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

Substance: Androstenedione enol ether

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):

- Androstenedione was declared to be an anabolic steroid in 2001. As androstenedione enol ether is a derivative of androstenedione, the enol ether must also be included in item 23 of Schedule IV to the CDSA, "Anabolic steroids and their derivatives including." .

Supporting document(s) attached: X

Prepared by: _____ Date: June 15, 2006
Xiao Peng Feng

Drug Status Report By: Mr. MICHAEL LEBELL Date: Jine 15, 2006

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF
CONTROLLED SUBSTANCES

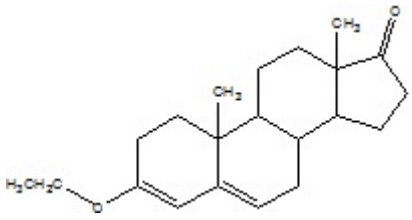
Drug Status Report

Drug: Androstenedione enol ether

Drug Name Status: Androstenedione enol ether is a common name

Chemical Name: 3-Ethoxy-androst-3,5-dien-17-one

Chemical structure:



Molecular Formula: $C_{21}H_{30}O_2$

Pharmacological class / Application: derivative of androstenedione

International status:

US: The chemical is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website. However, as anabolic steroid is defined in the CSA as, "any drug or hormonal substance, chemically and pharmacologically related to testosterone (other than estrogens, progestins, and corticosteroids) that promotes muscle growth" this substance's status under the CSA would need to be confirmed with the DEA.

United Nations: The chemical is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Androstenedione was declared to be an anabolic steroid in 2001. As androstenedione enol ether is a derivative of androstenedione, the enol ether must also be included in item 23 of Schedule IV to the CDSA, "Anabolic steroids and their derivatives including." .

Recommendation: Based on this information, androstenedione enol ether is included in item 23 of Schedule IV to the CDSA and is a controlled substance.

June 15, 2006