## Drug Status Report

**Drug:** 5-alpha-Androst-1-ene-3,17-dione

**Drug Name Status**: 5-alpha-Androst-1-ene-3,17-dione is the chemical name.

Chemical Name: 5-alpha-Androst-1-ene-3,17-dione

## **Chemical structure:**

**Molecular Formula:** C<sub>19</sub>H<sub>26</sub>O<sub>2</sub>

Pharmacological class / Application: steroid

## **International status:**

US: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 5-alpha-Androst-1-ene-3,17-dione is a metabolite<sup>1</sup> (derivative) of boldenone which is subitem 23(7) of Schedule IV. As such it is included in item 23, "Anabolic steroids and their derivatives."

Recommendation: 5-alpha-Androst-1-ene-3,17-dione is included in item 23 of Schedule IV and is a controlled substance.

July 9, 2007

<sup>&</sup>lt;sup>1</sup> Masse R, Goudreault D, J Steroid Biochem Mol Biol. 1992 May;42(3-4):399-410.