Drug Status Report

**Drug:** 3beta-Hydroxy-4-androsten-17-one

**Drug Name Status:** 3beta-hydroxy-4-androsten-17-one is the common name

**Chemical Name:** (3β)3-Hydroxy-androst-4-en-17-one

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** C_{19}H_{28}O_{2}

**Pharmacological class / Application:** steroid metabolite

**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: 3beta-Hydroxy-4-androsten-17-one is a metabolite\(^1\) of androst-4-en-3,17-dione (androstenedione). Androstenedione was declared to be an anabolic steroid - included in item 23 of Schedule IV to the CDSA on 2001-02-16. 3beta-Hydroxy-4-androsten-17-one is therefore a derivative on an anabolic steroid.

Recommendation: 3beta-Hydroxy-4-androsten-17-one is included in item 23 of Schedule IV to the CDSA and is a controlled substance.

January 22, 2008

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