Drug Status Report

**Drug:** 1-Hydroxytestosterone

**Drug Name Status:** 1-Hydroxytestosterone is the common name.

**Chemical Name:** (1beta,17beta)-1,17-Dihydroxy-androst-4-en-3-one

**Chemical structure:**

![Chemical structure image]

**Molecular Formula:** 1-Hydroxytestosterone - C\textsubscript{19}H\textsubscript{28}O\textsubscript{3}
1-Hydroxytestosterone undeconate - C\textsubscript{30}H\textsubscript{48}O\textsubscript{14}

**Pharmacological class / Application:** steroid

**International status:**

US: 1-Hydroxytestosterone is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: 1-Hydroxytestosterone 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: 1-Hydroxytestosterone is a derivative (metabolite) of testosterone\(^1\). It is therefore included in item 23 of Schedule IV, “Anabolic steroids and their derivatives” as testosterone is subitem 23(40). Derivatives of 1-hydroxytestosterone such as the 17-deconate (structure above) are also included in item 23.

and
Recommendation: 1-Hydroxytestosterone and its 17-deconate ester are included in item 23 of Schedule IV and are controlled substances.

November 25, 2008