

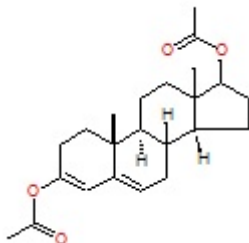
## Drug Status Report

**Drug:** Testosterone enol diacetate

**Drug Name Status:** Testosterone enol diacetate is the common name.

**Chemical Name:** Androsta-3,5-diene-3,17-diol diacetate

**Chemical structure:**



**Molecular Formula:** C<sub>23</sub>H<sub>32</sub>O<sub>4</sub>

**Pharmacological class / Application:** Steroid derivative

**CAS RN:** 1178-93-4

**International status:**

**US:** Testosterone enol diacetate is not listed specifically in the Schedules to the CSA and is not mentioned anywhere on the DEA website.

**United Nations:** Testosterone enol diacetate 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** Testosterone enol diacetate is not currently listed in the CDSA. However, the substance is a derivative of testosterone<sup>1</sup> which is currently listed as item 23(40) of Schedule IV to the CDSA under the heading "Anabolic steroids and their derivatives". Therefore the substance is included under item 23(40) of Schedule IV by virtue of being a derivative of testosterone.

**Recommendation:** Testosterone enol diacetate is included under item 23(40) of Schedule IV to the CDSA and is a controlled substance.

October 7<sup>th</sup> 2010.

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<sup>1</sup>Liston, A.J. and Toft, P. (1972) Evidence for enol intermediates in cytochrome P450 mediated steroid hydroxylations, *Biochim. Biophys. Acta*, **273**:52-63.

