

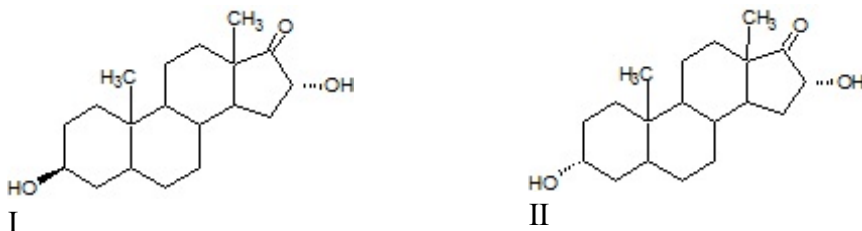
## Drug Status Report

**Drug:** 16alpha-hydroxyepiandrosterone (I);  
16alpha-hydroxyandrosterone (II)

**Drug Name Status:** 16alpha-hydroxyepiandrosterone;  
16alpha-hydroxyandrosterone are the common names

**Chemical Name:** I -(3beta,5alpha,16alpha)-3, 16-dihydroxy-androstan-17-one  
II - 3alpha,5alpha,16alpha)-3, 16-dihydroxy-androstan-17-one

**Chemical structure:**



**Molecular Formula:** I and II - C<sub>19</sub>H<sub>30</sub>O<sub>3</sub>

**Pharmacological class / Application:** steroid

**International status:**

US: The substances are not included specifically in the Schedules to the CSA and are not mentioned on the DEA website.

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

Canadian Status: Epiandrosterone and androsterone - substances I and II without the 16-hydroxy group - are known metabolites of testosterone. However, neither I nor II are metabolites (derivatives) of testosterone. Neither I nor II have anabolic activity.

Recommendation: 16alpha-hydroxyepiandrosterone and 16alpha-hydroxyandrosterone are not included in item 23 of Schedule IV and are not controlled substances.

February 27, 2008