Drug Status Report

**Drug**: 11beta-Hydroxydehydroepiandrosterone

**Drug Name Status**: 11beta- Hydroxydehydroepiandrosterone is the common name

Other Names: 11beta-HydroxyDHEA; 11beta-Hydroxyprasterone

**Chemical Name**: (3beta, 11beta)-3,11-Dihydroxyandrost-5-en-17-one

**Chemical structure**:

![Chemical structure image]

**Molecular Formula**: C_{19}H_{28}O_{3}

**Pharmacological class / Application**: steroid

**International status**:

US: The substance is not listed specifically on the schedules to the CSA. It is also not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 11beta-Hydroxydehydroepiandrosterone is structurally similar to prasterone which is subitem 23(36) of Schedule IV to the CDSA. It is not a metabolite (derivative) of prasterone. There are no reports that it has anabolic activity. Similarly the 11alpha-hydroxy isomer has also been excluded as a metabolite of prasterone by the same article.

Recommendation: 11beta-Hydroxydehydroepiandrosterone and 11alpha-hydroxydehydroepiandrosterone are not included in the schedules to the CDSA and are not controlled substances.

February 6, 2007
(Revised October 21, 2009 - to include the 11alpha isomer)

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