

Drug Status Report

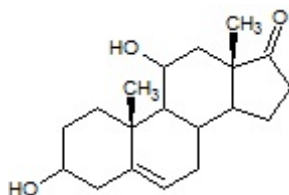
Drug: 11beta-Hydroxydehydroepiandrosterone

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:



Molecular Formula: C₁₉H₂₈O₃

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 metabolite¹ (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)

¹ Stevens, JC, Hines, RN, Gu, C, Koukouritaki, SB, Manro, JR, Tandler, PJ and Zaya, MJ, J. Pharmacol. Exp. Thera. 307, 573, 2003