Drug Status Report

Drug: Androstadienol

Drug Name Status: Androsta-5,16-dien-3β-ol

Chemical Name: Androsta-5,16-dien-3β-ol

Other Names: Andien-β

Chemical structure:

Molecular Formula: C_{19}H_{28}O

Pharmacological class / Application: steroid

International status:

US: The substance is not listed on the schedules to the CSA and is 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: Androstadienol is a metabolite of progesterone$^{1,2}$ and has been implicated as a putative human pheromone$^3$. The substance has not been reported in the literature to display any anabolic activity and is not a derivative of an anabolic steroid and therefore is not included under Item 23 “Anabolic steroids and their derivatives including” of Schedule IV to the CDSA.

Recommendation: Androstadienol is not included in the schedules to the CDSA and is not considered a controlled substance.

March 9$^{\text{th}}$ 2010

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