

Drug Status Report

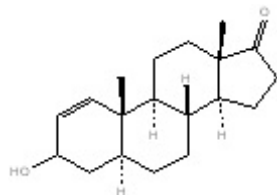
Drug: 1-Dehydroandrosterone

Drug Name Status: 1-Dehydroandrosterone is the common name.

Chemical Name: 5alpha-Androst-1-ene-3alpha-ol,17-one

Other Names: 3alpha-Hydroxy, 5alpha-androst-1-ene-17-one

Chemical structure:



Molecular Formula: C₁₉H₂₈O₂

Pharmacological class / Application: Steroid intermediate

CAS RN: 38859-37-9

International status:

US: 1-Dehydroandrosterone is not listed specifically in the Schedules to the CSA and is not mentioned anywhere on the DEA website.

United Nations: 1-Dehydroandrosterone 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: 1-Dehydroandrosterone is not currently listed in the CDSA. The substance can be synthesized via a 11-step process from androstanolone, which is presently listed as item 23(2) in Schedule IV to the CDSA. However, there is no evidence in the scientific literature that 1-dehydroandrosterone displays any anabolic activity and while the substance can be synthesized from androstanolone as a starting material, it is not a direct derivative of androstanolone. Therefore, 1-dehydroandrosterone is not considered to be included under the heading “Anabolic steroids and their derivatives” of item 23 of Schedule IV to the CDSA.

Recommendation: 1-Dehydroandrosterone is not included under item 23 of Schedule IV to the CDSA and is not a controlled substance.

September 29th 2010.