

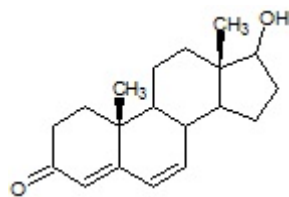
Drug Status Report

Drug: 6-Dehydrotestosterone

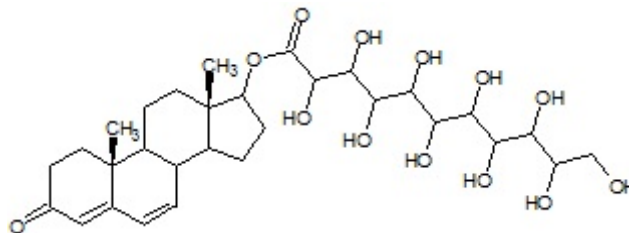
Drug Name Status: 6-Dehydrotestosterone is the common name.

Chemical Name: (17beta)-17-Hydroxy-androsta-4,6-dien-3-one

Chemical structure:



6-Dehydrotestosterone



6-Dehydrotestosterone undecyloate

Molecular Formula: 6-Dehydrotestosterone - $C_{19}H_{26}O_2$

6-Dehydrotestosterone undecyloate - $C_{30}H_{46}O_{13}$

Pharmacological class / Application: steroid

International status:

US: 6-Dehydrotestosterone is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: 6-Dehydrotestosterone 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: 6-Dehydrotestosterone is a derivative (metabolite) of testosterone¹. It is therefore included in item 23 of Schedule IV, "Anabolic steroids and their derivatives" as testosterone is subitem 23(40). Derivatives of 6-dehydrotestosterone such as the 17-deconate (structure above) are also included in item 23.

Recommendation: 6-Dehydrotestosterone and its 17-deconate ester are included in item 23 of

¹ Nagata K, Liberato DJ, Gillette JR, Sasame HA., Drug Metab Dispos. 1986 Sep-Oct;14(5):559-65

Schedule IV and are controlled substances.

November 25, 2008