

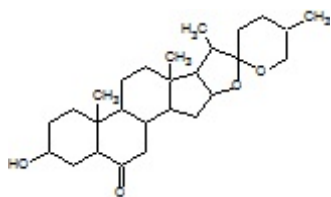
Drug Status Report

Drug: (25R)-5-alpha-spirostan-6-one-3b-ol (I) and (25R)-Spirost-4-en-3b,6b-diol (II)

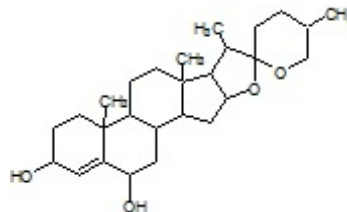
Drug Name Status: (25R)-5-alpha-spirostan-6-one-3b-ol and (25R)-Spirost-4-en-3b,6b-diol are the common names.

Chemical Name: I- (3b, 5a)(25R)-3-Hydroxy-spirostan-6-one
II- (3b, 6b)(25R)-Spirost-4-en-diol

Chemical structure:



I



II

Molecular Formula: I- $C_{27}H_{42}O_4$

II- $C_{27}H_{42}O_4$

Pharmacological class / Application: fine chemical

International status:

US: The substances are not currently listed on the US Controlled Substances Act and are not mentioned on the DEA website.

United Nations: The substances are 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: The substances are not structurally similar to substances listed on the schedules to the CDSA. There are no reports that the substances have anabolic activity. Related substances, 5alpha-spirostan-3,6-dione, spirostan-3,6-diol (see Anabolic Xtreme Mass Fx report) and Spirost-5-en-3-ol (see Viraloid report) have also been reviewed and are not considered to be controlled substances.

Recommendation: (25R)-5-alpha-spirostan-6-one-3b-ol (I) and (25R)-Spirost-4-en-3b,6b-diol (II) are not a controlled substances.

July 29, 2009