

Drug Status Report

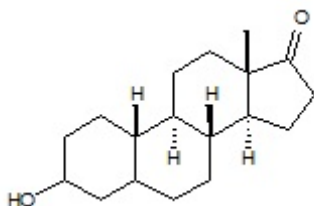
Drug: 19-Norandrosterone

Drug Name Status: Estran-17-one, 3-hydroxy

Chemical Name: 3-Hydroxyestrane-17-one

Other Names: 19-noretiocholanolone; 19-noreioandrosterone

Chemical structure:



Molecular Formula: C₁₈H₂₈O₂

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: 19-Norandrosterone is a major metabolites of nandrolone (17b-hydroxyestr-4-en-3-one)¹ which is listed as sub-item 28 under Item 23 “Anabolic steroids and their derivatives including” of Schedule IV to the CDSA. The substance is therefore included under Item 23 of Schedule IV to the CDSA as a derivative of nandrolone.

Recommendation: 19-Norandrosterone is included in Item 23(28) of Schedules to the CDSA and is considered a controlled substance.

March 15th 2010

¹C. Ayotte (2006) Significance of 19-norandrosterone in athlete’s urine samples, Br. J. Sports Med. **40**:i25-i29.