

Drug Status Report

Drug:

I - 4,4-dimethyl-5 α -androstane-3 β ,17 β -diol

II - 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, 3-acetate

III - 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, diacetate

Drug Name Status:

I - 4,4-dimethyl-5 α -androstane-3 β ,17 β -diol is the common name

II - 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, acetate is the common name

III - 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, diacetate is the common name

Chemical Name:

I - 4,4-dimethyl-5 α -androstane-3 β ,17 β -diol

II - (3 β ,17 α)-Pregna-20-yn-3,17-diol, 3-acetate

III - (3 β ,17 α)-Pregna-20-yn-3,17-diol, diacetate

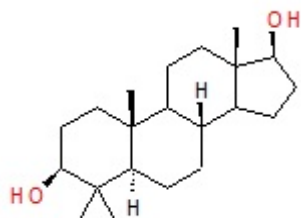
Other Names:

I - 4,4'-dimethyl-3 β ,17 β -androstane-3 β ,17 β -diol; 5 α -androstane-3 β ,17 β -diol, 4,4'-dimethyl-

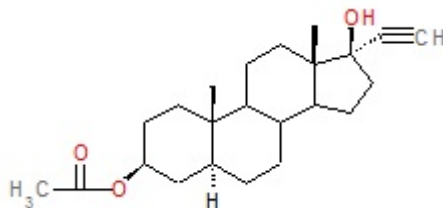
II - 17 α -ethynyl-androstane-3 β ,17 β -diol, 3-acetate; Pregna-20-yn-3,17-diol (3 β ,17 α) acetate; 17-hydroxy-17-(1-ethynyl)-androstane (17 β), 3-acetate

III - 17 α -ethynyl-androstane-3 β ,17 β -diol, diacetate; 17 α -ethynyl-estrane-3 β ,17 β -diol diacetate, 17 α -ethynyl-estrane-3 β ,17 β -diol acetate, 17 α -Pregna-20-yn-3 β ,17 β -diol diacetate, 3 β ,17 β -diacetate-17 α -pregna-20-yn

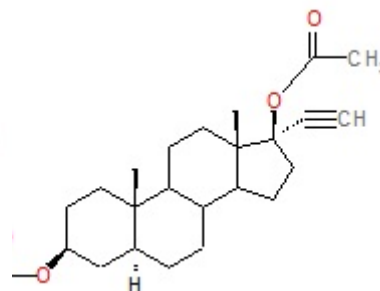
Chemical structure:



I



II



III

Molecular Formula: **I** - C₂₁H₃₆O₂; **II** - C₂₃H₃₄O₃; **III** - C₂₅H₃₆O₄

Pharmacological class / Application: steroid

International status:

US: The substances are not listed on the schedules to the CSA 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. The drugs are not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 4,4-dimethyl-5 α -androstane-3 β ,17 β -diol, 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, 3-acetate and 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, diacetate are synthetic steroids and have not been reported in the literature to display any anabolic activity.

Recommendation: 4,4-dimethyl-5 α -androstane-3 β ,17 β -diol, 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, 3-acetate and 17 α -ethynyl-5 α -androstane-3 β ,17 β -diol, diacetate are not included in the schedules to the CDSA and are not controlled substances.

December 4th, 2009.