Drug Status Report

Drug:
I - Tibolone 3-Dimethyl Ketal
II - 7alpha-Methyl-3,3-dimethoxy-5(10)-estrene-17-one

Drug Name Status:
I - Tibolone 3-Dimethyl Ketal
II - 7alpha-Methyl-3,3-dimethoxy-5(10)-estrene-17-one are the common names.

Chemical Name:
I - (7alpha,17alpha)-3,3-Dimethoxy-7-methyl-19-norpregn-5(10)-en-20-yn-17-ol
II - 7alpha-Methyl-3,3-dimethoxy-5(10)-estrene-17-one

Chemical structure:

I
II

Molecular Formula: I - C_{21}H_{32}O_{3}; II - C_{23}H_{34}O_{3}

Pharmacological class / Application: Steroid

CAS RN: I - 105186-33-2; II - 88247-84-1

International status:

US: Tibolone 3-dimethyl ketal and 7alpha-methyl-3,3-dimethoxy-5(10)-estrene-17-one are not listed in the Schedules to the CSA and are not mentioned anywhere on the DEA website.

United Nations: Tibolone 3-dimethyl ketal and 7alpha-methyl-3,3-dimethoxy-5(10)-estrene-17-one 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: Tibolone 3-dimethyl ketal and 7alpha-methyl-3,3-dimethoxy-5(10)-estrene-17-one are intermediates in the synthesis of tibolone\(^1\), which is current listed as item 23(41) of Schedule IV to the CDSA. The substances have not been reported in the scientific literature to

display any anabolic activity and are not derivatives of tibolone or any other anabolic steroid. Accordingly, tibolone 3-dimethyl ketal and 7alpha-methyl-3,3-dimethoxy-5(10)-estrene-17-one are not included under the heading “Anabolic steroids and their derivatives” of item 23 of Schedule IV to the CDSA.

Recommendation: Tibolone 3-dimethyl ketal and 7alpha-methyl-3,3-dimethoxy-5(10)-estrene-17-one are not included under item 23 of Schedule IV to the CDSA and are not controlled substances.

September 29th 2010