

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

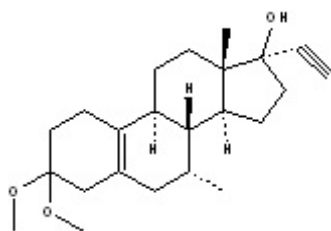
II - 7alpha-Methyl-3,3-dimethoxy-5(10)-estrene-17-one are the common names.

Chemical Name:

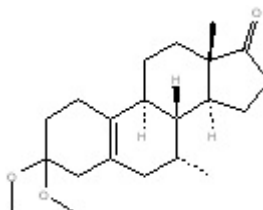
I - (7alpha,17alpha)-3,3-Dimethoxy-7-methyl-19-norpregn-5(10)-en-20-yn-17-ol

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 tibolone¹, 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

¹Caricato, G. (2006) Process for the preparation of pure crystalline tibolone, US WO 2006/125453.

display any anabolic activity and are not derivatives of tibolone or any other anabolic steroid. Accordingly, tibolone 3-dimethyl ketal and 7 α -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 7 α -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