



STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substance: 17a-methyl-17b-hydroxyl-3-keto-delta 1,4,6-etioallocholtriene

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled X
Not Controlled []

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- Metandienone is listed as subitem 23(22) of Schedule IV. 17a-Methyl-17b- hydroxyl-3-keto-delta 1,4,6-etioallocholtriene has been shown to be metabolite of metandienone in human. It is therefore a derivative of metandienone and included in item 23 of Schedule IV, "Anabolic steroids and their derivatives."

Supporting document(s) attached: Drug Status Report by Mr. LeBelle (May 30, 2006)

Prepared by: Xiao Peng Feng Date: May 30, 2006

Drug Status Report by: Mr. Mike LeBelle Date: May 30, 2006

Approved by: [Signature] Date: [Date]
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

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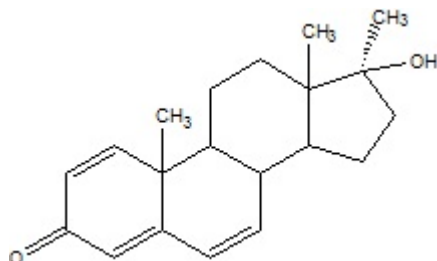
Drug Status Report

Drug: 17a-methyl-17b-hydroxyl-3-keto-delta 1,4,6-etioallocholtriene

Drug Name Status: 17a-methyl-17b-hydroxyl-3-keto-delta 1,4,6-etioallocholtriene is the common name.

Chemical Name: 17β-Hydroxy-17-methylandrosta-1,4,6-trien-3-one

Chemical structure:



Molecular Formula: C₂₀H₂₆O₂

Pharmacological/chemical class / Application: metabolite of metandienone

International status:

US: The substance is not listed on the US Controlled Substances Act and is not mentioned on the DEA website. The term "anabolic steroid" is defined in the CSA as any drug or hormonal substance, chemically and pharmacologically related to testosterone (other than estrogens, progestins, and corticosteroids) that promotes muscle growth...” If 17a-methyl-17b-hydroxyl- 3-keto-delta 1,4,6-etioallocholtriene has anabolic activity it would be controlled under Schedule III to the CSA.

United Nations: The substance is 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: Metandienone is listed as subitem 23(22) of Schedule IV. 17a-Methyl-17b- hydroxyl-3-keto-delta 1,4,6-etioallocholtriene has been shown² to be metabolite of metandienone in human. It is therefore a derivative of metandienone and included in item 23 of Schedule IV, “Anabolic steroids and

¹ Durbeck, HW and Buker, I, Biomedical Mass Spectrometry, 7(10) 437 (1980).

their derivatives.”

Recommendation: 17a-Methyl-17b-hydroxyl-3-keto-delta
1,4,6-etioallocholtriene is included in item 23 of Schedule IV and is a controlled
substance.

