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

Substance: 1-Methylene-5α-androstan-3α-ol-17-one

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

- Controlled ✔
- Not Controlled ☐

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

- The substance is a metabolite of metenolone and must be captured under sub-item 23(23) of Schedule IV to the CDSA.

Prepared by: ________________________________  Date: _______________

Vincent Marleau

Verified by: ________________________________  Date: _______________

Mark Kozlowski

Approved by: ________________________________  Date: _______________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Martin McLean, OCS
Drug Status Report

Drug: 1-Methylene-5α-androstan-3α-ol-17-one

Drug Name Status: 1-Methylene-5α-androstan-3α-ol-17-one is the common name.

Chemical Name: (3S,5S,10S,13S)-3-hydroxy-10,13-dimethyl-1-methylenetetradecahydro-1H-cyclopenta[a]phenanthren-17(2H)-one

Other Names: 1-Methylen-5α-androstan-3α-ol-17-one; 1-Methylen-5α-androstan-3α-ol-17-one; 1-Methylen-5α-androstan-3α-ol-17-one; 5α-ME.

Chemical structure:

![Chemical Structure Image]

Molecular Formula: C_{20}H_{30}O_2

CAS-RN: N/A

Pharmacological class / Application: Metenolone metabolite

International status:

US: 1-Methylene-5α-androstan-3α-ol-17-one is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control, the Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.

Canadian Status: 1-Methylen-5α-androstan-3α-ol-17-one is not listed in the Schedules to the CDSA. The substance is a metabolite of metenolone\(^1\), which is listed under sub-item 23(23) of Schedule IV of the CDSA under the heading: “Anabolic steroids and their derivatives including”. As a derivative of metenolone, 1-Methylen-5α-androstan-3α-ol-17-one must be included under sub-item 23(23) of Schedule IV to the CDSA.

Recommendation: 1-Methylen-5α-androstan-3α-ol-17-one is included under sub-item 23(23) of Schedule IV to the CDSA and is a controlled substance.

Date: November 16\(^{th}\), 2012.

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