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

Substance: 16-Methylene boldione

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 derivative of boldione (1,4-androstadiene-3,17-dione), an anabolic steroid controlled under item 23 of schedule IV to the CDSA.

Prepared by: __________________________ Date: April 18th 2011

Evelyn Soo

Verified by: __________________________ Date: _________

Kim Barber

Approved by: __________________________ Date: _________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

*This status was requested by: “third party information removed as per agreement with applicant”*
Drug Status Report

Drug: 16-Methylene boldione

Drug Name Status: 16-Methylene boldione is the common (INN) name.

Chemical Name: 16-Methylene-androsta-1,4-diene-3,17-dione

Chemical structure:

![Chemical structure](image)

Molecular Formula: C_{20}H_{24}O_{2}

Pharmacological class / Application: Steroid derivative

CAS-RN: unknown

International status:

US: 16-Methylene boldione is not listed in the Controlled Substances Act and is not mentioned anywhere on the DEA website. However, the parent steroid, boldione, was included under Schedule III to the CSA as an anabolic steroid on January 4th 2010.

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: 16-Methylene boldione is not listed in the schedules to the CDSA. The substance is a derivative of boldione, which is currently controlled as an anabolic steroid under item 23 of Schedule IV to the CDSA, under the heading “Anabolic steroids and their derivatives”. As a derivative of an anabolic steroid, the substance is therefore included under item 23 of Schedule IV to the CDSA.

Recommendation: 16-Methylene boldione is included under item 23 of Schedule IV to the CDSA is a controlled substance.

Date: 18 April 2011