



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

Substance: Boldenone derivatives (Boldenone-17-sulfate, boldenone-17-sulfate-d3, boldenone cypionate, boldenone-d3)

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

Controlled [checked]
Not Controlled [unchecked]

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

- The substances are derivatives of boldenone and therefore included under item 23(7) of Schedule IV to the CDSA.

Prepared by: Evelyn Soo Date: Sept 20th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: third party information removed as per agreement with applicant

Drug Status Report

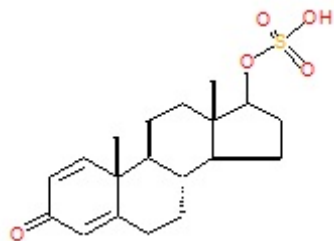
Drug: **I** - Boldenone-17-sulfate
II - Boldenone-17-sulfate-d3
III - Boldenone cypionate
IV - Boldenone-d3

Drug Name Status: **I** - Boldenone 17-sulfate
II - Boldenone 17-sulfate-d3
III - Boldenone cypionate
IV - Boldenone-d3 are the common names

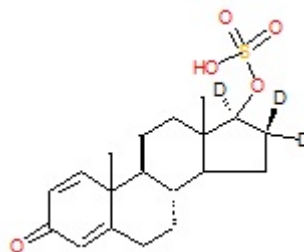
Chemical Name: **I** - (17beta)-17-(Sulfooxy)-androsta-1,4-dien-3-one
II - (17beta)-17-(Sulfooxy)-androsta-1,4-dien-3-one-d3
III - 17beta-Hydroxyandrosta-1,4-dien-3-one cyclopentanepropionate;
IV - 17beta-hydroxyandrosta-1,4-dien-3one-d3

Other Names: **I** - 1-Dehydrotestosterone Sulfate
II - 1-Dehydrotestosterone Sulfate-d3
III - NONE
IV - Androsta-1,4-diene-17beta-ol, 3-one-d3

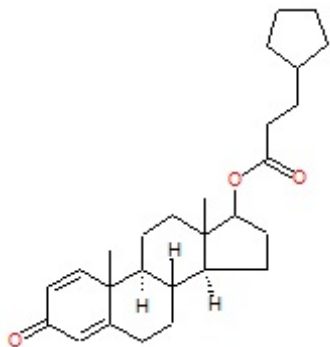
Chemical structure:



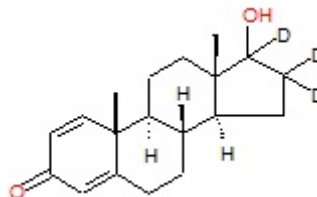
I



II



III



IV

Molecular Formula: I - $C_{19}H_{26}O_5$; II - $C_{19}D_3H_{23}O_5S$; III - $C_{27}H_{38}O_3$; IV - $C_{19}D_3H_{23}O_2$

Pharmacological class / Application: Pharmaceutical-related substances

CAS-RN: I - 87331-43-9; II - none; III -106505-90-2; V - none

International status:

US: The substances are not listed specifically in the Controlled Substances Act and are not mentioned anywhere on the DEA website.

United Nations: The substances 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: Boldenone-16-sulfate is a major metabolite of boldenone, while boldenone-17-sulfate-d3, boldenone-d3 and boldenone cypionate are derivatives of boldenone, with the d3 denoting deuterated forms of the substances. Currently, none of these substances are listed in the CDSA. However, boldenone is listed as item 23(7) in Schedule IV to the CDSA under the heading "Anabolic steroids and their derivatives including" thus, these substances are included under item 23(7) of Schedule IV to the CDSA as derivatives of boldenone.

Recommendation: Boldenone-17-sulfate, boldenone-17-sulfate-d3, boldenone cypionate and boldenone-d3 are included item 23(7) of Schedule IV to the CDSA and are considered controlled substances.

Date: 20 September 2010