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

Substance: 5alpha-Dihydronorethisterone

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

- Controlled
- Not Controlled

Not Controlled

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

- The steroid has not been reported in the scientific literature to display any anabolic activity nor derived from an anabolic steroid.

Prepared by: ____________________________ Date: December 14th 2011
Evelyn C Soo

Verified by: ____________________________ Date: __________
Mark Kozlowski

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: 5alpha-Dihydronorethisterone

Drug Name Status: 5alpha-Dihydronorethisterone is the common name.

Chemical Name: 17-Hydroxy-19-norpregn-20-yn-3-one (5alpha, 17alpha)-

Other Names: 5alpha-Dihydronorethindrone; 19-Norpregn-20-yn-3-one, 17-hydroxy (5alpha, 17alpha)-

Chemical structure:

![Chemical structure diagram]

Molecular Formula: C_{20}H_{28}O_{2}

Pharmacological class / Application: Steroid metabolite

CAS-RN: Unknown

International status:

US: 5alpha-Dihydronorethisterone is not listed in 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: 5alpha-Dihydronorethisterone is not listed in the schedules to the CDSA. The substance has been reported in the literature to be a metabolite of norethisterone\(^1\), a steroid which is used in contraceptive pills and currently regulated under Schedule F to the Food and Drugs Regulations. Since norethisterone is not an anabolic steroid, 5alpha-dihydronorethisterone cannot be included under item 23 “Anabolic steroids and their derivatives” of Schedule IV to the CDSA.

Recommendation: 5alpha-Dihydronorethisterone is not included in the schedules to the CDSA and is not a controlled substance.

Date: December 14th, 2011