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

Substance:  
I - 6-Hydroxymethaqualone  
II - Methaqualone-6-sulfate  
III - Methaqualone-6-O-beta-D-glucuronide

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):

• 6-Hydroxymethaqualone, methaqualone-6-sulfate and methaqualone-6-O-beta-D-glucuronide are not salts of methaqualone and therefore not included under item 3 of Schedule III to the CDSA.

Prepared by: _______________________________     Date:    15 Sept 2011

Evelyn 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: I - 6-Hydroxymethaqualone
   II - Methaqualone-6-sulfate
   III - Methaqualone-6-O-beta-D-glucuronide

Drug Name Status: I - 6-Hydroxymethaqualone
   II - Methaqualone-6-sulfate
   III - Methaqualone-6-O-beta-D-glucuronide are the common names.

Chemical Name:
I - 6-Hydroxy-2-methyl-3-(2-methylphenyl)-4(3H)-quinazolinone
II - (3alpha,5alpha)-17-Oxoandrostan-3-yl beta-D-Glucopyranosiduronic acid

Other Names:
I - 6-Hydroxy-2-methyl-3-(2-methylphenyl)quinazolin-4-one
II - Androsterone 3-glucuronide; 17-Oxo-5alpha-androstan-3-yl beta-D-Glucopyranosiduronic acid; 3alpha-hydroxy-5alpha-androstan-17-one glucuronide; 5alpha-Androstan-3alpha-ol-17-one glucuronide; Androsterone glucosiduronate; androsterone glucuronoside; androsterone monglucosiduronate
III - N/A

Chemical structure:

Molecular Formula: I - C_{16}H_{14}N_{2}O_{2}; II - C_{25}H_{38}O_{8}; III - C_{22}H_{22}N_{2}O_{8}

CAS-RN: I - 5060-51-5; II - 67982-38-1; III - 67982-37

Pharmacological class / Application: Steroid derivatives

International status:

US: Epiandrosterone beta-D-glucuronide and androsterone beta-D-glucuronide are not listed on the schedules to the US 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, 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: 6-Hydroxymethaqualone, methaqualone-6-sulfate and methaqualone-6-O-beta-D-glucuronide are not listed specifically in the CDSA. The substances have been reported in the scientific literature to be metabolites of methaqualone\textsuperscript{1,2,3}, which is currently listed as item 3 “Methaqualone (2-methyl-3-(2-methylphenyl)-4(3H)-quinazolinone) and any salt thereof” in Schedule III to the CDSA. Since 6-hydroxymethaqualone, methaqualone-6-sulfate and methaqualone-6-O-beta-D-glucuronide are not salts of methaqualone, they cannot be included under item 3 of Schedule III to the CDSA.

**Recommendation:** 6-Hydroxymethaqualone, methaqualone-6-sulfate and methaqualone-6-O-beta-D-glucuronide are not included under item 3 of Schedule III to the CDSA and are not controlled substances.

**Date:** Sept 15th, 2011

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