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

Substance: 2-Carboxy 3-hydroxy Madol Methyl Ester-d5

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 madol and is considered controlled under item 23 of Schedule IV to the CDSA.

Prepared by: ___________________________ Date: November 9th, 2011

Vincent Marleau

Verified by: ___________________________ Date: ____________

Mark Kozłowski

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:** 2-Carboxy 3-hydroxy Madol Methyl Ester-d5

**Drug Name Status:** 2-Carboxy 3-hydroxy Madol Methyl Ester-d5 is the common name.

**Chemical Name:**
(5alpha,17alpha)-3,17-Dihydroxy-17-(methyl-d3)-androst-2-ene-16,16-d2-2-carboxylic Acid Methyl Ester-d5

**Chemical structure:**

![Chemical Structure Image]

**Molecular Formula:** $C_{22}H_{29}D_5O_4$

**Pharmacological class / Application:** Steroid derivative

**CAS-RN:** 853904-67-3

**International status:**

US: 2-Carboxy 3-hydroxy Madol Methyl Ester-d5 is not listed in the *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: The substance is not listed in the schedules to the CDSA. 2-Carboxy 3-hydroxy Madol Methyl Ester-d5 is used in preparations for doping agents and is a derivative of madol, which is controlled under item 23 of schedule IV to the CDSA under the heading “Anabolic steroids and their derivatives including;”. Therefore 2-Carboxy 3-hydroxy Madol Methyl Ester-d5 is captured under item 23 of schedule IV to the CDSA and is considered a controlled substance.

**Recommendation:** 2-Carboxy 3-hydroxy Madol Methyl Ester-d5 is included under item 23 of schedule IV to the CDSA and is a controlled substances.

**Date:** November 9th, 2011.