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

Substance: Octacosanol

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 not similar to any of those included in the Schedules to the CDSA.

Prepared by: ________________________________ Date: November 16th, 2011

Vincent Marleau

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: Octacosanol

Drug Name Status: Octacosanol is the proper name.

Chemical Name: 1-Octacosanol

Other Names: Octacosyl alcohol; Montanyl alcohol; Cluytyl alcohol.

Chemical structure:

\[
\text{C}_{28}\text{H}_{58}\text{O}
\]

Molecular Formula: \(\text{C}_{28}\text{H}_{58}\text{O}\)

Pharmacological class / Application: Fine Chemical

CAS-RN: 557-61-9

International status:

US: Octacosanol is not listed in the Controlled Substances Act and is not mentioned anywhere on the DEA website as a controlled substance.

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: Octacosanol is not specifically listed in the schedules to the CDSA. Octacosanol is known as an ingredient of wax found in plants and displays many applications in health such as cholesterol lowering effects and cytoprotective use. The substance is not similar to any of the substances in the CDSA and is therefore not controlled.

Recommendation: Octacosanol is not included in the schedules to the CDSA and is not a controlled substance.

Date: November 16th, 2011

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