



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

Substance: Undecanoic-d21 acid

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):

- Undecanoic-d21 acid is not similar to any of the substances included in the Schedules to the CDSA.

Prepared by: _____ Date: Sept 21st 2010
Evelyn C Soo

Verified by: _____ Date: _____
Marianne Tang

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

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

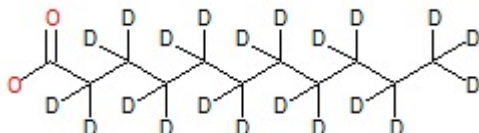
Drug Status Report

Drug: Undecanoic-d21 acid

Drug Name Status: Undecanoic-d21 acid is the common name.

Chemical Name: 1-Decanecarboxylic acid-d21

Chemical Structure:



Molecular Formula: C₁₁HD₂₁O₂

CAS-RN: 60658-40-4

Pharmacological class / Application: Fine Chemical

International status:

US: The substance is not listed specifically in the CSA 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: Undecanoic-d21 acid is the deuterated form of undecanoic acid and is claimed to be a starting material in the synthesis of nandrolone-17-undecanoate-d21. While nandrolone-17-undecanoate-d21 is considered to be included under 23(28) of Schedule IV to the CDSA, undecanoic-d21 acid is not currently listed in the CDSA nor structurally similar to any of the substances included in the schedules to the CDSA.

Recommendation: Undecanoic-d21 acid is not included in the Schedules to the CDSA and is not a controlled substance.

Date: September 21st 2010