



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

Substance: I - Diethyl 2-methyl-2-propylmalonate
II- Diethyl 2-methyl-malonate

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

Controlled [ ]
Not Controlled [x]

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

- The substances are not similar to any of those listed in the schedules to the CDSA.

Prepared by: Victoria-Magali Zelaya Date: August 5th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

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

## Drug Status Report

**Drug: I-** Diethyl-2-methyl-2-n-propylmalonate

**II-** Diethyl 2-methyl-malonate

**Drug Name Status: I -** 1,3-Diethyl 2-methyl-2-propylpropanedioate is the chemical name.

**II-** Diethyl 2-methyl-malonate is the chemical name.

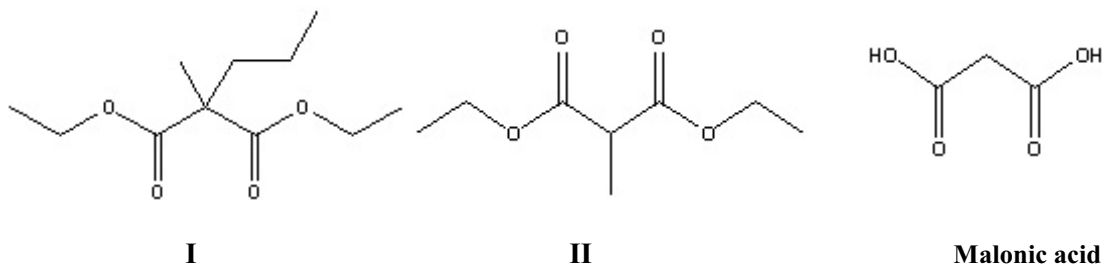
**Chemical Name: I -** 1,3-Diethyl-2-methyl-2-propylpropanedioate

**II-** Diethyl 2-methyl-malonate

**Other Names: I -** Diethyl Methyl Propyl Malonate; Diethyl Methyl Propylmalonate; Diethyl 2-methyl-2-propylmalonate; Diethyl methylpropylmalonate;

**II -** Methylmalonic acid diethyl ester; Ethyl methylmalonate; Diethyl methylmalonate; methyl-Propanedioic acid diethyl ester; Propanedioic acid, 2-methyl-, 1,3-diethyl ester;

### Chemical structure:



**Molecular Formula: I-**  $C_{11}H_{20}O_4$

**II-**  $C_8H_{14}O_4$

**CAS-RN: I-** 55898-43-6

**II-** 609-08-5

**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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Diethyl-2-methyl-2-n-propylmalonate and Diethyl 2-methyl-malonate are derivatives of malonic acid and are claimed to be starting materials in the synthesis of deuterated derivatives of meprobamate. The substances are not listed specifically in the CDSA and are not structurally similar to any of the substances included in the Schedules to the CDSA.

**Recommendation:** Diethyl-2-methyl-2-n-propylmalonate is not included in the schedules to the CDSA and are not controlled substances.

**Date:** August 5th, 2010