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

Substance: Ethyl 2-phenylacrylate

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 listed specifically in the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Prepared by: ___________________________ Date: 2010-08-09
Victoria-Magali Zelaya

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:** Ethyl 2-phenylacrylate

**Drug Name Status:** Ethyl 2-phenylacrylate is the chemical name.

**Chemical Name:** Ethyl 2-phenylacrylate

**Other Names:** Ethyl 2-phenylpropenoate; Ethyl methylenephenylacetate; Atropic acid ethyl ester; 2-phenylacrylic acid ethyl ester; Ethyl atropate;

**Chemical structure:**

![Chemical structure of Ethyl 2-phenylacrylate]

**Molecular Formula:** $C_{11}H_{12}O_2$

**Pharmacological class / Application:** Fine Chemical

**CAS-RN:** 22286-82-4

**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: Ethyl 2-phenylacrylate is a derivative of 2-phenylcrylate and these derivatives are precursors used for the synthesis of biologically active compounds\(^1\). It is claimed to be a starting material in the synthesis of tilidine, deuterated tilidine and deuterated nortilidine. The substance is not listed specifically in the CDSA and is not structurally similar to any of the substances included in the Schedules to the CDSA.

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

**Date:** August 9th 2010