



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

Substance: 1-Naphthoic 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):

- The substance is not similar to any of those listed in the CDSA.

Prepared by: \_\_\_\_\_ Date: Dec 10<sup>th</sup> 2010  
Evelyn 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

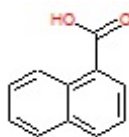
**Drug:** 1-Naphthoic acid

**Drug Name Status:** 1-Naphthoic acid is the common name.

**Chemical Name:** 1-Naphthalenecarboxylic acid

**Other Names:** 1-Carboxynaphthalene

**Chemical structure:**



**Molecular Formula:** C<sub>11</sub>H<sub>8</sub>O<sub>2</sub>

**CAS-RN:** 86-55-5

**Pharmacological class / Application:** Fine chemical

**International status:**

US: 1-Naphthoic acid is not currently listed in the Schedules to the *US 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: 1-Naphthoic acid is used as an intermediate in the synthesis of a variety of compounds including pharmaceuticals, photochemicals and dyes<sup>1</sup>, and has also been reported to be useful as a chromophore for the elucidation of the absolute configuration of organic molecules in exciton-coupled circular dichroism (ECCD)<sup>2</sup>. The substance is not currently listed in the

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<sup>1</sup>Kim, SW. et al. (1998) Multicomponent solution phase synthesis of dehydroamino acid derivatives based on the Passerini reaction, *Tetrahedron Lett.* **39**:7031-70354.

<sup>2</sup>Schreder, B. et al. (1996) 1-Naphthoic acid: a new type of asymmetric chromophore for exciton-coupled circular dichroism (ECCD), *Tetrahedron: Asymmetr.* **7**:1543-1546.

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

**Recommendation:** 1-Naphthoic acid is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** 10 December 2010