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

Substance: 4-formyl-N-cbz-piperidine

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 substance does not display any structural similarity to those included in the schedules to the CDSA.

Prepared by: ____________________________ Date: ________________
Zack Li

Verified by: ____________________________ Date: ________________
Mark Kozlowski

Approved by: ____________________________ Date: ________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Andree Bernard, OCS
Drug Status Report

**Drug:** 4-formyl-N-cbz-piperidine

**Drug Name Status:** 4-formyl-N-cbz-piperidine is the common name.

**Chemical Name:** benzyl 4-formylpiperidine-1-carboxylate

**Other Names:** 4-formyl-N-carbobenzoxy-piperidone

**Chemical structure:**

![Chemical Structure Image]

**Molecular Formula:** C_{14}H_{17}NO_{3}

**CAS-RN:** 138163-08-3

**Pharmacological class / Application:** Fine chemical

**International status:**

US: 4-formyl-N-cbz-piperidine is not listed specifically 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: 4-formyl-N-cbz-piperidine is not listed in the schedules to the CDSA. The substance does not display any structural similarity to any of the substances included in the CDSA. It is noteworthy that a similar compound, N-cbz-4-piperidone, was previously reviewed and also considered not controlled under the CDSA. Therefore, 4-formyl-N-cbz-piperidine is not included under the schedules to the CDSA and is not a controlled substance.

**Recommendation:** 4-formyl-N-cbz-piperidine is not included under the schedules to the CDSA and is not a controlled substance.

**Date:** June 15th, 2012.