Substance: 4'-methoxypropiophenone

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):

- 4-methoxypropiophenone 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:** 4'-methoxypropiophenone

**Drug Name Status:** 4'-methoxypropiophenone is the common name.

**Chemical Name:** 1-(4-methoxyphenyl)-1-Propanone

**Other Names:** p-Methoxypropiophenone

**Chemical Structure:**

![Chemical Structure](image)

**Molecular Formula:** \(C_{10}H_{12}O_2\)

**CAS-RN:** 121-97-1

**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: 4'-methoxypropiophenone is a starting material in the chemical synthesis of methedrone hydrochloride, which is included under item 1 of Schedule III to the CDSA. 4'-methoxylpropiophenone is not currently listed in the CDSA and is not structurally similar to any of the substances included in the schedules to the CDSA. A review of a structurally similar compound, 4'-methylpropiophenone, also concluded that the substance was not included in the Schedules to the CDSA.
**Recommendation:** 4'-methoxypropiophenone is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** September 21st 2010