



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

Substance: 3-Dimethylamino-2-methylpropiofenone

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 a starting material in the synthesis of propoxyphene-d7 hydrochloride and cannot be included in the Schedules to the CDSA.

Prepared by: _____ Date: October 18th 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"

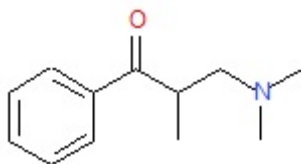
Drug Status Report

Drug: 3-Dimethylamino-2-methylpropiofenone

Drug Name Status: 3-Dimethylamino-2-methylpropiofenone is the common name.

Chemical Name: 3-Dimethylamino-2-methylpropiofenone

Chemical Structure:



Molecular Formula: C₁₂H₁₇NO

CAS-RN: 91-03-2

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: 3-Dimethylamino-2-methylpropiofenone is reported to be a starting material in the synthesis of propoxyphene-d7 hydrochloride. While the substance displays some structural similarity to the amphetamines, the amino group is on the C3 position and not the C2 position and hence does not display significant enough structural similarity to the amphetamines to be considered an analogue of the amphetamines. The substance is also not structurally similar to the other substances listed in the Schedules to the CDSA.

Recommendation: 3-Dimethylamino-2-methylpropiofenone is not included in the schedules to the CDSA and is not a controlled substance.

Date: October 18th 2010