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

Substance: 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

   Controlled   X
   Not Controlled  

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

• The substance is considered an analogue of ketamine and captured under item 14(1) of Schedule I to the CDSA.

Prepared by: ___________________________ Date: __________
Evelyn C Soo

Verified by: ___________________________ Date: __________
Mark Kozlowski

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: 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone

Drug Name Status: 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone is the common name.

Chemical Name: 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone

Other Names: 2-(m-Chlorophenyl)-2-(methylamino)cyclohexanone

Chemical structure:

\[ \text{Chemical structure image} \]

Molecular Formula: \( C_{21}H_{25}NO_5 \)

Pharmacological class / Application: Phencyclidine

CAS-RN: unknown

International status:

US: 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone 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: 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone is not listed specifically in the Schedules to the CDSA. As shown above, the substance displays significant structural similarity to ketamine which is listed sub-item 14(1) Ketamine 2(2-chlorophenyl)-2-(methylamino)cyclohexanone under the heading “Phencyclidine 1-(1-phenylcyclohexyl)piperidine), its salts, derivatives and analogues and salts of derivatives and analogues including” in schedule I to the CDSA. Accordingly, 2-(3-chlorophenyl)-2-(methylamino)cyclohexanone must be included under item 14(1) of Schedule I to the CDSA.
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**Recommendation:** 2-(3-Chlorophenyl)-2-(methylamino)cyclohexanone is under item 14(1) of Schedule I to the CDSA and is a controlled substance.

**Date:** Oct 31st, 2012.