



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

Substance: 2-Chloro cyclopentyl ketone

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):

- 2-chlorocyclopentyl ketone is not similar to any of the substances listed in the Schedules to the CDSA.

Supporting document(s) attached:

Prepared by: _____ Date: _____
Evelyn Soo

Verified by: _____ Date: _____
Marianne Tang

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

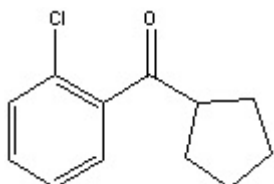
Drug Status Report

Drug: 2-Chlorophenyl cyclopentyl ketone

Drug Name Status: 2-Chlorophenyl cyclopentyl ketone is the common name

Chemical Name: (2-Chlorophenyl)(cyclopentyl) methanone

Chemical structure:



Molecular Formula: C₁₂H₁₃ClO

Pharmacological class / Application: fine chemical

International status:

US: 2-chlorophenyl cyclopentyl ketone is not currently listed on the US CSA and is not mentioned on the DEA website.

United Nations: The chemical is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 2-chlorophenyl cyclopentyl ketone is reportedly an intermediate in the synthesis of ketamine¹, which is controlled under Item 14 (sub-item 1) of Schedule I to the CDSA. The substance however is not listed specifically in the CDSA nor structurally similar any substance on the schedules to the CDSA and therefore cannot be included under any of the Schedules to the CDSA.

Recommendation: 2-chlorophenyl cyclopentyl ketone is not included in the schedules to the CDSA and is not a controlled substance.

April 12th 2010

¹<http://www.erowid.org/archive/rhodium/chemistry/pcp/ketamine.html>