Health Canada
Santé Canada

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

Substance: Ethylketamine

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 an analogue of ketamine and is included under item 14 of Schedule I 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: Valerie Belisle, CBSA

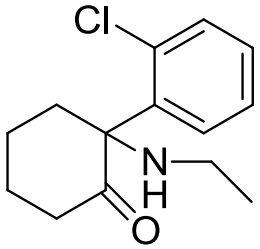
Drug Status Report

Drugs: Ethylketamine

Drug Name Status: Ethylketamine is the common name.

Chemical Name: 2-(2-chlorophenyl)-2-(ethylamino)cyclohexanone

Chemical structure:



Molecular Formula: $C_{14}H_{18}ClNO$

Pharmacological class / Application: Pharmaceutical-related substance

CAS-RN: N/A

International status:

US: Ethylketamine 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: Ethylketamine is not listed specifically in the CDSA. The substance is the N-ethyl analogue of ketamine which is currently listed as item 14 of Schedule I to the CDSA under the heading "Phencyclidine (1-(1-phenylcyclohexyl)piperidine), its salts, derivatives and analogues and salts of derivatives and analogues, including." For the purpose of forming status decisions, a substance which displays substantial structural similarity to a controlled substance is considered an analogue. As an analogue of ketamine, ethylketamine must also be included in item 14 of Schedule I to the CDSA.

Recommendation: Ethylketamine is included in item 14 of Schedules I to the CDSA and is a controlled substance.

Date: June 22, 2012.