



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

Substance: Methoxetamine

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

Controlled [checked]
Not Controlled [unchecked]

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

- The substance is considered to be an analogue of ketamine and therefore included under item 14(1) of Schedule I to the CDSA.

Prepared by: Evelyn Soo Date: Jan 25th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: Tanya Arcand

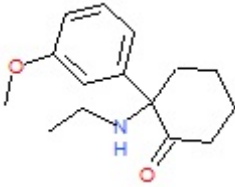
Drug Status Report

Drug: Methoxetamine

Drug Name Status: Methoxetamine is the common name.

Chemical Name: 2-(3-methoxyphenyl)-2-(ethylamino)-cyclohexanone

Chemical structure:



Molecular Formula: C₁₅H₁₇NO₂

Pharmacological class / Application: Phencyclidine analogue

CAS-RN: unknown

International status:

US: The substance 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 specifically on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Methoxetamine is not currently listed in the schedules to the CDSA. However, the substance shows significant structural similarity to ketamine, which is currently listed as item 14(1) in Schedule I to the CDSA, under the heading "Phencyclidine (1-(1-phenylcyclohexyl)piperidine), its salts, derivative and analogues and salts of derivatives and analogues including". For the purpose of forming status decisions, an analogue is considered to be a substance that displays significant structural similarity to one listed in the CDSA. Therefore methoxetamine must be included under item 14(1) of Schedule I to the CDSA as an analogue of ketamine.

Recommendation: Methoxetamine is included under item 14(1) of Schedule I to the CDSA and is a controlled substance.

Date: 25 January 2011