Health Canada Santé Canada

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

Substance: **I** - 2-MeO-2-oxo-PCE
II - 4-MeO-2oxo-PCE

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 substances are considered to be analogues of ketamine and therefore included under item 14(1) 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: Lehli Pour, DAS

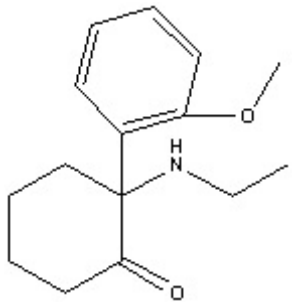
Drug Status Report

Drug: **I** - 2-MeO-2-oxo-PCE
II - 4-MeO-2oxo-PCE

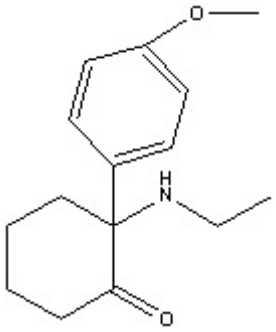
Drug Name Status: **I** - 2-MeO-2-oxo-PCE
II - 4-MeO-2oxo-PCE are the common names.

Chemical Name: I - 2-(2-methoxyphenyl)-2-(ethylamino)-cyclohexanone
II - 2-(4-methoxyphenyl)-2-(ethylamino)-cyclohexanone

Chemical structure:



I



II

Molecular Formula: I, II - $C_{15}H_{21}NO_2$

Pharmacological class / Application: Phencyclidine analogues

CAS-RN: I - N/A; **II** - N/A

International status:

US: The substances are not listed specifically in the Schedules to the US *Controlled Substances Act* and are not mentioned anywhere on the DEA website.

United Nations: The substances are 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: 2-MeO-2-oxo-PCE and 4-MeO-2oxo-PCE are not currently listed in the schedules to the CDSA. However, the substances show 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-phenylcycohexyl)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 2-MeO-2-oxo-PCE and 4-MeO-2oxo-PCE must be included under item 14(1) of Schedule I to the CDSA as analogues of ketamine.

Recommendation: 2-MeO-2-oxo-PCE and 4-MeO-2oxo-PCE are included under item 14(1) of Schedule I to the CDSA and are controlled substances.

Date: August 7th, 2012