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

Substance: 4-Phenyl-4-(1-piperidinyl)-cyclohexanol

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 a derivative of phencyclidine and included under item 14 of Schedule I to the CDSA.

Prepared by: ___________________________ Date: ______________
Vincent Marleau

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: 4-Phenyl-4-(1-piperidinyl)-cyclohexanol

Drug Name Status: 4-Phenyl-4-(1-piperidinyl)-cyclohexanol is the common name.

Chemical Name: 4-Phenyl-4-(1-piperidin-1-yl)cyclohexanol

Other Names: 4-hydroxy phencyclidine; PCC; PCP hydroxyl-metabolite; 4-Phenyl-4-(1-piperidinyl)-cyclohexanol

Chemical structure:

\[ \text{Molecular Formula: } C_{17}H_{25}NO \]

Pharmacological class / Application: Pharmaceutical-related substance

CAS-RN: 78165-06-7 / 78165-07-8 / 60232-84-1

International status:

US: 4-Phenyl-4-(1-piperidinyl)-cyclohexanol 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: 4-Phenyl-4-(1-piperidinyl)-cyclohexanol is not listed specifically in the CDSA. The substance is reported in the scientific literature to be a urinary metabolite of phencyclidine\(^1\) which is listed as item 14 of Schedule I under the heading “Phencyclidine (1-(1-phenylcyclohexyl)piperidine), its salts, derivatives and analogues and salts of derivatives and analogues”. As a derivative of phencyclidine, 4-Phenyl-4-(1-piperidinyl)-cyclohexanol must also be included under item 14 of Schedule I to the CDSA.

Recommendation: 4-Phenyl-4-(1-piperidinyl)-cyclohexanol is included in item 14 of Schedule I to the CDSA and is a controlled substance.

Date: June 13th, 2012.

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