Health Canada
Santé Canada

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

Substance: I- N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride
II- N-Ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride

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 phencyclidine analogues and therefore captured 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

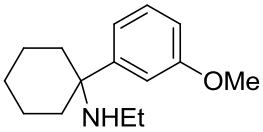
Drug: I- N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride
II- N-Ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride

Drug Name Status: I- N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride
II- N-Ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride are the common names.

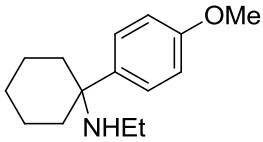
Chemical Name: I- N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride
II- N-Ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride

Other Names: I- N-Ethyl-1-(m-methoxyphenyl)cyclohexanamine hydrochloride
II- N-Ethyl-1-(p-methoxyphenyl)cyclohexanamine hydrochloride

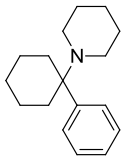
Chemical structure:



• HCl



• HCl



I **II** **Phencyclidine**

Molecular Formula: I- $C_{15}H_{24}ClNO$; II- $C_{15}H_{24}ClNO$

Pharmacological class / Application: Phencyclidine analogues

CAS-RN: I- N/A; II- 1993-15-9

International status:

US: N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride and N-ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride 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 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: N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride and N-ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride are not listed in the Schedules to the CDSA. The substances are analogues of phencyclidine, which is 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 analogues of phencyclidine, N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride and N-ethyl-1-(4-

methoxyphenyl)cyclohexanamine hydrochloride must be included under item 14 of Schedule I to the CDSA.

Recommendation: N-Ethyl-1-(3-methoxyphenyl)cyclohexanamine hydrochloride and N-ethyl-1-(4-methoxyphenyl)cyclohexanamine hydrochloride are included under item 14 of Schedule I to the CDSA and are controlled substances.

Date: November 5th, 2012.