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

Substance: Desmethylprodine

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 substance is an analogue of prodine and therefore included under Item 3 of Schedule I to the CDSA.

Prepared by: ________________________________ Date: February 1st, 2012

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: Desmethylprodine

Drug Name Status: Desmethylprodine is the common name

Chemical Name: 4-Propionyloxy-4-phenyl-N-methylpiperidine

Other Names:
1-Methyl-4-phenyl-4-piperidinol propionate; 1-Methyl-4-phenyl-4-propionoxypiperidine;
3-Demethylprodine; Propionic acid, 1-methyl-4-phenyl-4-piperidyl ester;
4-Propionyloxy-4-phenyl-N-methylpiperidine.

Chemical structure:

\[
\text{Molecular Formula: } C_{15}H_{21}NO_2
\]

Pharmacological class / Application: Alphaprodine analogue

CAS-RN: 13147-09-6

International status:

US: Desmethylprodine is not listed in 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: Desmethylprodine is not specifically listed in the schedules to the CDSA. This substance is considered an analogue of prodine\(^1\), the isomers which are listed as Sub-Item 3(3) and Sub-Item 3(6) in Schedule I to the CDSA under the heading “Phenylpiperidines, their intermediates, salts, derivatives and analogues and salts of intermediates, derivatives and analogues, including:”. As an analogue of prodine, desmethylprodine must be included under Item 3 of Schedule I to the CDSA and considered a controlled substance.

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**Recommendation:** Desmethylprodine is included under Item 3 of Schedule I to the CDSA and is considered a controlled substance.

**Date:** February 1st, 2012.