



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

Substance: Pholedrine

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 analogue of methamphetamine and included under item 1 of Schedule III tot he CDSA. It could also be included under item 18 of Schedule I to the CDSA.

Prepared by: Evelyn Soo Date: Dec 22nd 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: "third party information removed as per agreement with applicant"

## Drug Status Report

**Drug:** Pholedrine

**Drug Name Status:** Pholedrine is the proper (INN) name.

**Chemical Name:** p-(4-hydroxyphenyl)-isopropylmethylamine

**Other Names:** 4-(2-(Methylamino)propyl)phenol; p-(2-(methylamino)propyl)phenol; 1-(p-hydroxyphenyl)-2-methylaminopropane; 1-(p-oxyphenyl)-2-methylaminopropane; alpha-(p-hydroxyphenyl)-beta-methylaminopropane; p-hydroxy-N,alpha-dimethylphenethylamine; p-hydroxy-N-methylbenzedrine; p-hydroxymethamphetamine

**Chemical structure:**



***Methamphetamine***

**Molecular Formula:** C<sub>10</sub>H<sub>15</sub>NO

**Pharmacological class / Application:** Methamphetamine analogue

**CAS-RN:** 370-14-9 (6114-26-7 for Sulfate)

**International status:**

US: Pholedrine is not listed specifically in the Schedules to the US *Controlled Substances Act*. However, the substance may be considered controlled as an analogue of methamphetamine due to the analogue provision of the CSA.

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: Pholedrine is not listed specifically in the CDSA. However, the substance is an amphetamine and as shown above, can be considered to be an analogue of methamphetamine. For the purpose of forming status decisions, an analogue is a substance which displays significant structural similarity to one listed in the schedules to the CDSA. "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues" are currently

listed as item 1 in Schedule III to the CDSA, while “Methamphetamine (N,a-dimethylbenzeneethanamine), its salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues” are listed as item 18 in Schedule I to the CDSA. Given that pholedrine is an amphetamine and may be considered an analogue of methamphetamine, the substance could be included under either item 1 of Schedule III or item 18 of Schedule I to the CDSA. An earlier status decision on a structurally similar substance 4-methoxymethamphetamine recommended the inclusion of the substance under item 1 of Schedule III to the CDSA.

**Recommendation:** Pholedrine is included under item 1 of Schedule III to the CDSA and is a controlled substance.

**Date:** 22 December 2010