Drug Status Report

**Drug:** (-)-Norephedrine

**Drug Name Status:** (-)-Norephedrine is the common name.

**Chemical Name:** (R-(R*,S*))-alpha-(1-Aminoethyl)-benzenemethanol

**Chemical structure:**

![Chemical structure of (-)-Norephedrine and Cathine]

**Molecular Formula:** C₉H₁₃NO

**Pharmacological class / Application:** fine chemical

**International status:**

US: The substance is not listed on the schedules to the US Controlled Substances Act.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor on the Green List - List of Psychotropic Substances under International Control

Canadian Status: (-)-Norephedrine is similar to cathine, one of the alkaloids¹ found in khat. Cathine is listed as subitem 19(1) of Schedule IV to the CDSA as, “Cathine (d-threo-2-Amino-1-hydroxy-1-phenylpropane)”. This listing denotes only the (S,S) isomer structure above.

Recommendation: (-)-Norephedrine is not included in the schedules to the CDSA and is not a controlled substance.

September 23, 2009

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