Health Canada
Santé Canada

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

Substance: Propiverine

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled	☐
Not Controlled	X

under the schedules of the *Controlled Drugs and Substances Act* (CDSA) for the following reason(s):

- The substance is not listed in the Schedules to the CDSA and is not similar to any of the substances included in the CDSA.

Prepared by: _____ Date: _____
Zack Li

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Zunaid Amla, CBSA

Drug Status Report

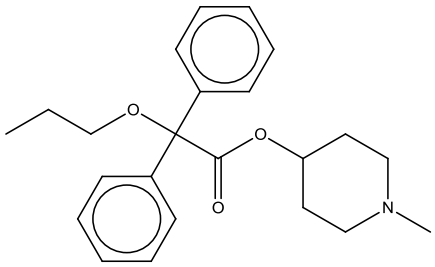
Drug: Propiverine

Drug Name Status: Propiverine is the INN name.

Chemical Name: 1-Methyl-4-piperidyl 2,2-diphenyl-2-propoxyacetate

Other Names: Mictonorm**;** 1-Methyl-4-piperidinyl alpha-phenyl-alpha-propoxybenzeneacetate; 1-Methyl-4-piperidyl O-propylbenzilate; Benzeneacetic acid, alpha-phenyl-alpha-propoxy-, 1-methyl-4-piperidinyl ester

Chemical structure:



Molecular Formula: $C_{23}H_{29}NO_3$ **CAS-RN:** 60569-19-9

Pharmacological class / Application: Anticholinergic agent

International status:

US: Propiverine 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: Propiverine is not listed in the CDSA. The substance is used in the treatment of overactive bladder symptoms[1]. Propiverine does not display any structural similarities to the substances included in the CDSA and therefore cannot be included under the Schedules to the CDSA.

Recommendation: Propiverine is not included under the Schedules to the CDSA and is not a controlled substance.

Date: August 1st, 2012.

[1] Masumori, N. et al (2011) The efficacy and safety of propiverine hydrochloride in patients with overactive bladder symptoms who poorly responded to previous anticholinergic agents. Adv Urol. **2011**: 1-4