Health Canada
Santé Canada

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

Substance: 4-(4-Nitro-phenyl)-piperidine 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 substance does not contain the core structure of the phenylpiperidines listed under item 3 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: Bruno Lafontaine, OCS

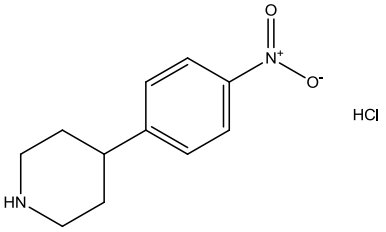
Drug Status Report

Drug: 4-(4-Nitro-phenyl)-piperidine hydrochloride

Drug Name Status: 4-(4-Nitro-phenyl)-piperidine hydrochloride is the common name.

Chemical Name: 4-(4-Nitro-phenyl)-piperidine hydrochloride

Chemical structure:



Molecular Formula: $C_{11}H_{15}N_2O_2Cl$ **CAS-RN:** 883194-93-2

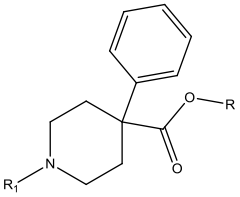
Pharmacological class / Application: Fine chemical

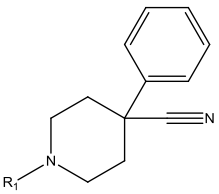
International status:

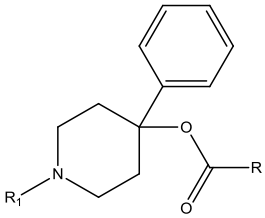
US: 4-(4-Nitro-phenyl)-piperidine hydrochloride is not listed specifically in the Schedules to the US *Controlled Substances Act* and is not mentioned anywhere on the DEA website.

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: 4-(4-Nitro-phenyl)-piperidine hydrochloride is not listed in the Schedules to the CDSA. 4-(4-Nitro-phenyl)-piperidine has a phenylpiperidine structure and could be considered captured under item 3 "Phenylpiperidines, their intermediates, salts, derivatives and analogues and salts of intermediates, derivatives and analogues, including:" of Schedule I to the CDSA. However, earlier reviews of several structurally similar substances considered only those with the following three root structures to be captured under item 3 of Schedule I to the CDSA:







Given that 4-(4-nitro-phenyl)-piperidine does not contain one of the above root structures, the substance cannot be captured under item 3 of Schedule I to the CDSA.

Recommendation: 4-(4-Nitro-phenyl)-piperidine hydrochloride is not included under item 3 of Schedule I to the CDSA and is not a controlled substance.

Date: October 30th, 2012.