Health Canada
Santé Canada

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

Substance: Nicodicodine

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

Controlled	X
Not Controlled	☐

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

- The substance is a derivative of dihydrocodeine and included under sub-item 1(11) 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: Sahan de Silva, Scientific Screening Officer

Drug Status Report

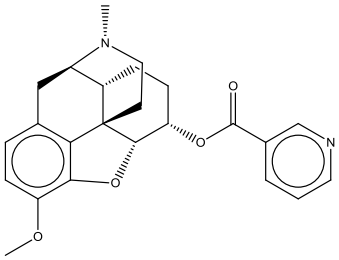
Drug: Nicodicodine

Drug Name Status: Nicodicodine is the common name.

Chemical Name: 4,5alpha-Epoxy-3-methoxy-17-methyl-6alpha-morphinanylnicotinat

Other Names: 4,5alpha-Epoxy-3-methoxy-17-methyl-6alpha-; Morphinanylnicotinat; Dihydrocodein-nicotinat (ester); EINECS 212-365-5.

Chemical structure:



Molecular Formula: $C_{24}H_{26}N_2O_4$

Pharmacological class / Application: Dihydrocodeine derivative

CAS-RN: 808-24-2

International status:
US: Nicodicodine 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: Nicocodeine is not listed specifically in the CDSA. The substance is a derivative of dihydrocodeine, which is listed as sub-item 1(11) of Schedule I under the heading "Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts, including:" As a derivative of dihydrocodeine, nicodicodine must be included under item 1 of Schedule I to the CDSA. It is noteworthy that this substance also contains the core structure of the morphinans and therefore can also be included under item 10 of Schedule I to the CDSA.

Recommendation: Nicodicodine is included in sub-item 1(11) of Schedule I to the CDSA and is a controlled substance.

Date: October 24th, 2012.