



Health Canada
Santé Canada



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

Substance: 18-Methoxycoronaridine

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 is not structurally similar to any of those included in the schedules to the CDSA.

Prepared by: _____ Date: _____
Vincent Marleau

Verified by: _____ Date: _____
Manager of NCED

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

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

Drug Status Report

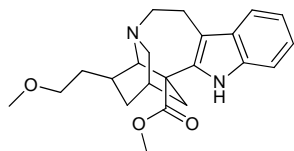
Drug: 18-Methoxycoronaridine

Drug Name Status: 18-Methoxycoronaridine is the common name

Chemical Name: Methyl 7-(2-methoxyethyl)-6,6a,7,8,9,10,12,13-octahydro-5H-6,9-methanopyrido[1',2':1,2]azepino[4,5-b]indole-6-carboxylate

Other Names: 18-MC; (-)-18-Methoxycoronaridine; (+)-18-Methoxycoronaridine.

Chemical structure:



Molecular Formula: C₂₂H₂₈N₂O₃

CAS-RN: 308123-60-6

Pharmacological class / Application: Ibogaine derivative

International status:

US: 18-Methoxycoronaridine 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: 18-Methoxycoronaridine is not listed in the Schedules to the CDSA. The substance is a derivative of ibogaine¹, which was previously reviewed and is not controlled under the Schedules to the CDSA. In addition, 18-methoxycoronaridine is not structurally similar to any of the substances listed in the CDSA.

Recommendation: 18-Methoxycoronaridine is not included in the schedules to the CDSA and is not a controlled substance.

Date: October 11th, 2013.

¹ Kuehne, M.E. *et al.* (2003) Synthesis and Biological Evaluation of 18-Methoxycoronaridine Congeners, Potential Antiaddiction Agents. *J. Med. Chem.*; **46**:2716-2730.