Substance: Apocodeine 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 is a derivative of apomorphine and is included under item 1 of Schedule I to the CDSA.

Prepared by: ________________________________ Date: December 5th, 2011
Vincent Marleau

Verified by: ________________________________ Date: _____________
Mark Kozlowski

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: Apocodeine hydrochloride

Drug Name Status: Apocodeine hydrochloride is the common name.

Chemical Name: 4H-Dibenzo(de,g)quinolin-11-ol, 5,6,6a,7-tetrahydro-10-methoxy-6-methyl-, hydrochloride, (R)- (9CI)

Other Names: 10-Methoxy-6a-beta-aporphin-11-ol hydrochloride; 6a-beta-Aporphin-11-ol, 10-methoxy-, monohydrochloride; 6abeta-Aporphin-11-ol, 10-methoxy-, monohydrochloride (8CI).

Chemical structure:

Molecular Formula: \( C_{18}H_{19}NO_2 \cdot HCl \)

CAS RN: 6377-14-6

Pharmacological class / Application: Apomorphine derivative

International status:

US: Apocodeine hydrochloride is not listed on 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: Apocodeine hydrochloride is not listed specifically in the CDSA. The substance is a metabolite of apomorphine and although apomorphine is excluded specifically from the CDSA and listed as Sub-Item 1(32) in Schedule I, the derivatives of this substance are not excluded from the CDSA by the provision “but not including”. Therefore, the substance is included under the heading “Opium Poppy (Papaver somniferum), its preparations, derivatives, alkaloids and salts, including;” of item 1 of Schedule I to the CDSA.
**Recommendation:** Apocodeine hydrochloride is included under Item 1 of Schedule I to the CDSA and is a controlled substance.

**Date:** December 5th, 2011