



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

Substance: Diethylmorphine

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

Controlled [checked]
Not Controlled [unchecked]

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

- The substance is a derivative of morphine and therefore is included under item 1(3) of Schedule I to the CDSA.

Prepared by: Evelyn Soo Date: Oct 19th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

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

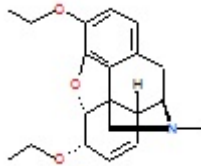
Drug Status Report

Drug: Diethylmorphine

Drug Name Status: Diethylmorphine is the common name.

Chemical Name: 8-Didehydro-4,5a-epoxy-3,6a-diethoxy-17-methyl-morphinan

Chemical structure:



Molecular Formula: $C_{20}H_{25}NO_3$

CAS-RN: 30811-09-7

Pharmacological class / Application: Derivative of morphine

International status:

US: The substance is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Diethylmorphine is not listed specifically in the CDSA. However, the substance is reported to be a synthetic impurity derived directly from morphine in the synthesis of ethyl morphine. Morphine is currently listed as sub-item 1(3) of Schedule I to the CDSA under the heading "Opium poppy (*Papaver somniferum*), its preparations, derivatives, alkaloids and salts including:". As a derivative of morphine, diethylmorphine must be included under sub-item 1(3) of Schedule I to the CDSA.

Recommendation: Diethylmorphine is included under item 1(3) of Schedule I to the CDSA and is a controlled substance.

Date: 19 October 2010