Substance: Bromomorphide

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 codeine and must be included under item 1 of Schedule I to the CDSA.

Prepared by: ____________________________  Date: _______________

Zack Li

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: Bromomorphide

Drug Name Status: Bromomorphide is the common name.

Chemical Name: Morphinan-3-ol, 6-alpha-bromo-7,8-didehydro-4,5-alpha-epoxy-17-methyl-

Other Names: 6-Bromo-6-dehydroxy morphine

Chemical structure:

\[
\begin{align*}
\text{HO} & \\
\text{O} & \\
\text{N-CH}_3 & \\
\text{Br} & \\
\end{align*}
\]

Molecular Formula: C\text{\textsubscript{17}}H\text{\textsubscript{18}}BrNO\text{\textsubscript{2}}  CAS-RN: 63732-46-7

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: Bromomorphide 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: Bromomorphide is not listed specifically in the CDSA. The substance is a derivative of codeine, which is currently listed as sub-item 1(2) “Codeine (methylmorphine)” in Schedule I to the CDSA under the heading “Opium Poppy, its preparations, derivatives, alkaloids and salts”. As a derivative of codeine, bromomorphide must be included under item 1 of Schedule I to the CDSA.

Recommendation: Bromomorphide is included in item 1 of Schedule I to the CDSA and is a controlled substance.

Date: June 28th, 2012.