



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

Substance: Meprobamate N-beta-D-glucuronide

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):

- Derivatives of meprobamate are not included in item 16 of Schedule IV to the CDSA

Prepared by: \_\_\_\_\_ Date: Dec 9<sup>th</sup> 2010  
Evelyn Soo

Verified by: \_\_\_\_\_ Date: \_\_\_\_\_  
Marianne Tang

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: **“third party information removed as per agreement with applicant”**

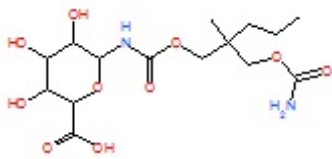
## Drug Status Report

**Drug:** Meprobamate N-beta-D-glucuronide

**Drug Name Status:** Meprobamate N-beta-D-glucuronide is the common name.

**Chemical Name:** 1-(Carboxyamino)-1-deoxyglucopyranuronic Acid N-[2-(Hydroxymethyl)-2-methylpentyl] Ester Carbamate

**Other Names:** 1-[[[[2-[[[(Aminocarbonyl)oxy]methyl]-2-methylpentyl]oxy]carbonyl]amino]-1-deoxy-β-D-Glucopyranuronic Acid



**Chemical structure:**

**Molecular Formula:** C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>O<sub>10</sub>

**CAS-RN:** 58569-76-9

**Pharmacological class / Application:** Pharmaceutical-related substance

### International status:

US: Meprobamate N-beta-D-glucuronide is not currently listed in the Schedules to the US *Controlled Substances Act* and is not mentioned anywhere on the DEA website. However, meprobamate is controlled in Schedule IV to the US CSA.

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. However, meprobamate is listed in the Green List.

Canadian Status: Meprobamate N-beta-D-glucuronide is a metabolite of meprobamate and is not listed in the CDSA. "Meprobamate (2-methyl-2-propyl-1,3-propanediol dicarbamate)" is listed as item 16 in Schedule IV to the CDSA but the listing does not include the derivatives of meprobamate. Accordingly, Meprobamate N-beta-D-glucuronide cannot be included under item 16 of Schedule IV to the CDSA.

**Recommendation:** Meprobamate N-beta-D-glucuronide is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** 9 December 2010