



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

Substance: Acetobromo-alpha-D-glucuronic acid methyl ester

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

Controlled [ ]
Not Controlled [x]

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

- Acetobromo-alpha-D-glucuronic acid methyl ester is not similar to any of the substances included in the Schedules to the CDSA.

Prepared by: Evelyn C Soo Date: Sept 21st 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

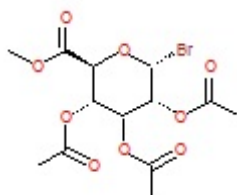
**Drug:** Acetobromo-alpha-D-glucuronic acid methyl ester

**Drug Name Status:** Acetobromo-alpha-D-glucuronic acid methyl ester is the common name.

**Chemical Name:** Methyl tri-O-acetyl-1-bromo-1-deoxy-alpha-D-glucopyranuronate

**Other Names:** alpha-D-Glucopyranuronic acid, 1-bromo-1-deoxy-, methyl ester, triacetate

### Chemical Structure:



**Molecular Formula:**  $C_{13}H_{17}BrO_9$

**CAS-RN:** 21085-72-3

**Pharmacological class / Application:** Fine Chemical

### International status:

US: The substance is not listed specifically in the CSA 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Acetobromo-alpha-D-glucuronic acid methyl ester is used as a starting material to synthesize the glucuronides of drugs, including for example, benzodiazepines and steroids. The substance is not currently listed in the CDSA and is not structurally similar to any of the substances included in the schedules to the CDSA.

**Recommendation:** Acetobromo-alpha-D-glucuronic acid methyl ester is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** September 21<sup>st</sup> 2010