Health Canada
Santé Canada

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

Substance: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene

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):

- The substance is a related impurity of pinaverium bromide and is not structurally similar to any of those listed in the Schedules to the CDSA.

Prepared by: _____ Date: _____
Evelyn C Soo

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Bruno Lafontaine, OCS

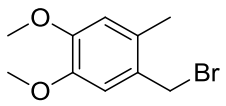
Drug Status Report

Drug: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene

Drug Name Status: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene is the common name.

Chemical Name: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene

Chemical structure:



Molecular Formula: $C_9H_{10}Br_2O_2$ **CAS-RN:** 53207-00-4

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene is not listed specifically in the Schedules to the US *Controlled Substances Act* and is not mentioned anywhere on US 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: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene is not listed in the schedules to the CDSA. The substance has been reported to be an impurity relating to the synthesis of pinaverium bromide[i], which is a drug used to treat irritable bowel syndrome and currently listed under Schedule F to the *Food and Drugs Regulations*. The substance is not structurally similar to any of those listed in the CDSA.

Recommendation: 1-Bromo-2-(bromomethyl)-4,5-dimethoxybenzene is not included in the Schedules to the CDSA and is not a controlled substance.

Date: September 13th, 2012.

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[i] http://www.usp.org/sites/default/files/usp_pdf/EN/USPNF/modafinil.pdf