



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

Substance: Methyl 3-mercaptopbenzoate

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):

- The substance is a chemical reagent and is not similar in structure to any of those listed in the CDSA.

Prepared by: _____
Evelyn Soo

Date: Nov 8th 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

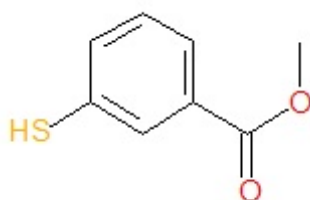
Drug: Methyl 3-mercaptobenzoate

Drug Name Status: Methyl 3-mercaptobenzoate is the common name.

Chemical Name: Benzoic acid, 3-mercapto-, methyl ester

Other Names: Benzoic acid, m-mercapto-, methyl ester; 3-Mercaptobenzoic acid methyl ester, Methyl m-mercaptobenzoate

Chemical structure:



Molecular Formula: C₈H₈O₂S

Pharmacological class / Application: Fine chemical

CAS-RN: 72886-42-1

International status:

US: Methyl 3-mercaptobenzoate is not listed specifically in the schedules to 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, 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: Methyl 3-mercaptobenzoate is not currently listed in the CDSA. The substance is a reagent used in chemical synthesis, including the synthesis of compounds with pharmaceutical application¹ and is not similar in structure to any of those included in the Schedules to the CDSA.

¹Guo, K. et al. (2007) Mechanistic studies leading to a new procedure for rapid, microwave assisted generate of pyridine-3,5-dicarbonitrile libraries, *Tetrahedron*, **63**:5300-5311.

Recommendation: Methyl 3-mercaptobenzoate is included in any of the schedules to the CDSA and is not a controlled substance.

Date: 9 November 2010