



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

Substance: 4-Bromo-2,2-diphenyl-butyronitrile

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):

- 4-Bromo-2,2-diphenyl-butyronitrile is not similar to any of the substances included in the Schedules to the CDSA.

Prepared by: _____ Date: Sept 21st 2010
Evelyn C 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

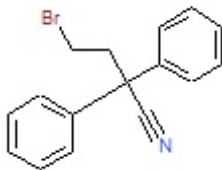
Drug: 4-Bromo-2,2-diphenylbutanenitrile

Drug Name Status: 4-Bromo-2,2-diphenylbutanenitrile is the common name.

Chemical Name: 4-bromo-2,2-diphenyl-benzeneacetonitrile

Other Names: 4-Bromo-2,2-diphenyl-butyronitrile

Chemical Structure:



Molecular Formula: C₁₆H₁₄BrN

CAS-RN: 39186-58-8

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, 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: 4-Bromo-2,2-diphenylbutanenitrile is claimed to be a starting material in the synthesis of diphenoxylate hydrochloride, which is currently listed as item 3(8) of Schedule I to the CDSA. However, the substance is not structurally similar to diphenoxylate, nor any other substance included in the schedules to the CDSA.

Recommendation: 4-Bromo-2,2-diphenylbutanenitrile is not included in the Schedules to the CDSA and is not a controlled substance.

Date: September 21st 2010