



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

Substance: 2-(4-Chlorobenzoyl)benzoic acid

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 not similar to any of the substances included in the Schedules to the CDSA.

Prepared by: _____
Evelyn C Soo

Date: Nov 19th 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

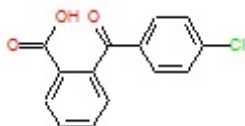
Drug: 2-(4-Chlorobenzoyl)benzoic acid

Drug Name Status: 2-(4-Chlorobenzoyl)benzoic acid is the common name.

Chemical Name: 2-(4-Chlorobenzoyl)benzoic acid

Other Names: 2-(p-Chlorobenzoyl)benzoic acid

Chemical structure:



Molecular Formula: C₁₄H₉ClO₃

Pharmacological class / Application: Fine chemical

CAS-RN: 85-56-3

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: 2-(4-Chlorobenzoyl)benzoic acid is a chemical reagent that is used as a ligand in organic chemistry as well as starting materials in the synthesis of pharmaceutical compounds¹. It is also claimed to be a starting material in the synthesis of mazindol which is currently listed as item 15 in Schedule IV to the CDSA. However, the substance is not structurally similar to any substances included under the Schedules to the CDSA.

Recommendation: 2-(4-Chlorobenzoyl)benzoic acid is not included in the schedules to the CDSA and is not a controlled substance.

Date: November 19th 2010

¹Wengelnik, K. et al. (2002) A class of potent antimalarials and their specific accumulation in infected erythrocytes, *Science*, **15**:1311-1314.