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

Substance: 1-Benzy1-4-Boc-piperazine-2-carboxylic acid

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 analogues of BZP are not captured under item 33 of Schedule III to the CDSA.

Prepared by: ________________________________ Date: ________________
Benoit P Seguin

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-Benzyl-4-Boc-piperazine-2-carboxylic acid

Drug Name Status: 1-Benzyl-4-Boc-piperazine-2-carboxylic acid is the common name.

Chemical Name: 1-Benzyl-4-Boc-piperazine-2-carboxylic acid

Other Names:
4-Benzyl-piperazine-1,3-dicarboxylic acid 1-tert-butyl ester

Chemical structure:

![Chemical structure of 1-Benzyl-4-Boc-piperazine-2-carboxylic acid]

Molecular Formula: C_{17}H_{24}N_{2}O_{3}   CAS-RN: 181956-25-2

Pharmacological class / Application: Piperazine

International status:

US: 1-Benzyl-4-Boc-piperazine-2-carboxylic acid is not listed specifically in the Schedules to the US Controlled Substances Act 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: 1-Benzyl-4-Boc-piperazine-2-carboxylic acid is not listed in the Schedules to the CDSA. The substance is a protected derivative of 1-benzyl-2,4-dicarboxylic acid which displays substantial structurally similarity to 1-benzylpiperazine (BZP). BZP is currently listed as item 33 “Benzylpiperazine [BZP], namely 1-benzylpiperazine and its salts, isomers and salts of isomers” in Schedule III to the CDSA. However, the analogues of benzylpiperazine are not captured under the item heading and therefore 1-benzyl-4-Boc-piperazine-2-carboxylic acid cannot be included under item 33 of Schedule III to the CDSA.

Recommendation: 1-Benzyl-4-Boc-piperazine-2-carboxylic acid is not included in the schedules to the CDSA and is not a controlled substance.

Date: October 19th, 2012.