Health Canada
Santé Canada

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

Substance: I - 4-Aminobenzooxazol
II - 4-N-Boc-aminobenzooxazol

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 substances are not structurally similar to any of those in the CDSA.

Prepared by: _____ Date: _____
Vincent Marleau

Verified by: _____ Date: _____
Mark Kozlowski

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

This status was requested by: Bruno Lafontaine, OCS

Drug Status Report

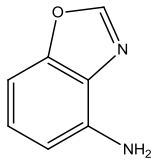
Drug: I - 4-Aminobenzooxazol
II - 4-N-Boc-aminobenzooxazol

Drug Name Status: I - 4-Aminobenzooxazol
II - 4-N-Boc-aminobenzooxazol are the common names.

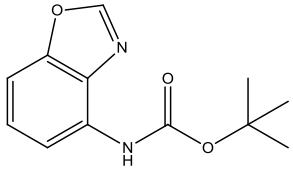
Chemical Name: I - Benzo[d]oxazol-4-amine
II - tert-Butyl benzo[d]oxazol-4-ylcarbamate

Other Names: I – 4-Benzooxazolamine; Benzooxazol-4-ylamine
II – N/A

Chemical structure:



I



II

Molecular Formula: I – $C_7H_6N_2O$; II – $C_{12}H_{14}N_2O_3$

Pharmacological class / Application: Pharmaceutical-related substances

CAS-RN: I – 163808-09-1; II – 959246-43-6

International status:

US: 4-Aminobenzooxazol and 4-N-Boc-aminobenzooxazol are not listed specifically in the Schedules to the US *Controlled Substances Act* and are not mentioned anywhere on the DEA website.

United Nations: The substances are 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-Aminobenzooxazol and its protected form, 4-N-Boc-aminobenzooxazol, are chemical reagent used in pharmaceutical and organic synthesis and are not listed in the schedules to the CDSA. The substances are not similar in structure to any of the substances listed in the Schedules to the CDSA.

Recommendation: 4-Aminobenzooxazol and 4-N-Boc-aminobenzooxazol are not included under any of the Schedules to the CDSA and are not controlled substances.

Date: August 7th, 2012.