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

Substance:  Rabeprazole sulfide N-oxide

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 metabolite of rabeprazole, which is regulated under Schedule F
to the Food and Drugs Regulations.

Prepared by:  ____________________________  Date: April 18th 2011

Evelyn Soo

Verified by:  ____________________________  Date: __________

Kim Barber

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:** Rabeprazole sulfide N-oxide

**Drug Name Status:** Rabeprazole sulfide N-oxide is the common name.

**Chemical Name:** 2-(((4-(3-Methoxypropoxy)-3-methyl-1-oxido-2-pyridinyl)methyl)thio)-1H-benzimidazole

**Chemical structure:**

![Chemical Structure Diagram]

**Molecular Formula:** $C_{18}H_{21}N_3O_3S$

**Pharmacological class / Application:** Pharmaceutical-related substance

**CAS-RN:** 924663-40-1

**International status:**

US: Rabeprazole sulfide N-oxide is not listed in the 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Rabeprazole sulfide N-oxide is not listed in the schedules to the CDSA. The substance is metabolite of rabeprazole, which is an antiulcer drug that is currently regulated under Schedule F to the Food and Drugs Regulations. As rabeprazole is not controlled under the CDSA, its sulfide N-oxide would also not be considered controlled under the CDSA. It is noteworthy that rabeprazole is not structurally similar to any of the substances included in schedules to the CDSA.

**Recommendation:** Rabeprazole sulfide N-oxide is not included in the Schedules to the CDSA is not a controlled substance.

**Date:** 18 April 2011