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

Substance: Veliparib

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 does not contain the root structure of the benzimidazoles and therefore cannot be included under item 13 of Schedule I to the CDSA.

Prepared by: ___________________________ Date: March 1st, 2012

Evelyn C Soo

Verified by: ___________________________ Date: __________

Mark Kozlowski

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:** Veliparib

**Drug Name Status:** Veliparib is the proper (INN) name.

**Chemical Name:** 2-((2R)-2-methyl-2-pyrrolidinyl)-1H-benzimidazole-4-carboxamide

**Other Names:** ABT-888; ABT-888

**Chemical structure:**

![Chemical structure of Veliparib](image)

**Molecular Formula:** C_{13}H_{16}N_{4}O

**Pharmacological class / Application:** Poly(ADP-ribose) polymerase inhibitor

**CAS-RN:** 209414-16-4

**International status:**

US: Veliparib 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: Veliparib is reportedly used for the treatment of cancer¹ and is not listed in the CDSA. The substance is a benzimidazole but does not contain the structural elements of those listed under item 13 in Schedule I to the CDSA (see below) below:

![Structural elements](image)

Clonitazene $R_1=\text{NO}_2$, $R_2=\text{Cl}$  
Etonitazene $R_1=\text{NO}_2$, $R_2=\text{OC}_2\text{H}_5$

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Bezitramide

The status of a number of benzimidazoles have previously been reviewed and it was deemed that those which do not core the root structure of the above-mentioned benzimidazoles are not considered captured under item 13 “Benzimidazoles, their salts, derivatives and salts of derivatives including” of Schedule I to the CDSA. Since veliparib does not contain the root structure of the benzimidazoles in schedule I, it cannot be included in the CDSA.

**Recommendation:** Veliparib is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** March 1st, 2012.