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

Substance:  Ipamorelin

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

Prepared by:  ________________________________  Date:  July 4, 2011

Zack Li

Verified by:  ________________________________  Date:  ____________

Mark Kozlowski

Approved by:  ________________________________  Date:  ____________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by:  Michelle Brittain, Inspectorate
Drug Status Report

**Drug**: Ipamorelin

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

**Chemical Name**: 2-Methylalanyl-L-histidyl-3-(2-naphthyl)-D-alanyl-D-phenylalanyl-L-lysinamide

**Other Names**: UNII-Y9M3S784Z6

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula**: C_{38}H_{49}N_{9}O_{5}

**CAS RN**: 170851-70-4

**Pharmacological class / Application**: Growth hormone secretagogue

**International status**:

**US**: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned 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: Ipamorelin is a highly potent growth hormone secretagogue currently undergoing animal trials. It is not listed in the CDSA and is not structurally similar to any of the substances included in the Schedules to the CDSA. Growth hormone secretagogues have been previously reviewed and found to be not controlled under the CDSA.

Recommendation: Ipamorelin is not included in the schedules CDSA and is not a controlled substance.

**Date:** July 4, 2011

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