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

Substance: Preladenant

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 substance is not similar to any of those listed 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, Compliance
Drug Status Report

**Drug**: Preladenant

**Drug Name Status**: Preladenant is the common name.

**Chemical Name**: 7H-Pyrazolo(4,3-e)(1,2,4)triazolo(1,5-c)pyrimidin-5-amine, 2-(2-furanyl)-7-(2-(4-(4-(2-methoxyethoxy)phenyl)-1-piperazinyl)ethyl)-

**Other Names**: 2-(Furan-2-yl)-7-(2-(4-(4-(2-methoxyethoxy)phenyl)piperazin-1-yl)ethyl)-7H-pyrazolo(4,3-e)(1,2,4)triazolo(1,5-c)pyrimidin-5-amine.

**Chemical structure**:

![Chemical Structure]

**Molecular Formula**: C_{25}H_{29}N_{9}O_{3}

**Pharmacological class / Application**: Dopaminergic drug

**CAS-RN**: 377727-87-2

**International status**:

US: Preladenant 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: Preladenant is not listed in the Schedules to the CDSA. The substance is an adenosine 2A receptor antagonist used in the treatment of Parkinson’s Disease to improve motor functions. Preladenant is not similar in structure to any of the substances listed in the CDSA.

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

**Date**: May 17th, 2012.