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

Substance: Mavoglurant

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 structurally 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: "third party information removed as per agreement with applicant"
Drug Status Report

**Drug**: Mavoglurant

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

**Chemical Name**: 1H-Indole-1-carboxylic acid, octahydro-4-hydroxy-4-(2-(3-methylphenyl)ethynyl)-, methyl ester, (3aR,4S,7aR)-

**Other Names**: AFQ056; AFQ-056; AFQ 056.

**Chemical structure**:

![Chemical structure of Mavoglurant](image)

**Molecular Formula**: C_{19}H_{23}NO_{3}  
**CAS-RN**: 543906-09-8

**Pharmacological class / Application**: mGlu5 Receptor antagonist

**International status**:

US: Mavoglurant 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: Mavoglurant is not listed in the CDSA. The substance is an mGlu5 receptor antagonist and is currently being researched for the treatment of fragile X syndrome. It is not similar to any substances listed in the CDSA and is considered not controlled.

**Recommendation**: Mavoglurant is not included under any Schedules to the CDSA and is not a controlled substance.

**Date**: August 28th, 2012.

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