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

Substance: 4-Hydroxycyclofenil

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 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: Eva Roig, OCS
Drug Status Report

Drug: 4-Hydroxycyclofenil

Drug Name Status: 4-Hydroxycyclofenil is the common name.

Chemical Name: 4,4'-((4-hydroxycyclohexylidene)methylene)diphenol

Other Names: 4-[Bis(4-hydroxyphenyl)methylene]cyclohexanol; Cyclofenil metabolite M1.

Chemical structure:

\[
\begin{align*}
\text{Molecular Formula: } & C_{19}H_{20}O_3 \\
\text{Pharmacological class / Application: } & \text{Cyclofenil metabolite} \\
\text{CAS-RN: } & \text{N/A}
\end{align*}
\]

International status:

US: 4-Hydroxycyclofenil 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: 4-Hydroxycyclofenil is not listed in the Schedules to the CDSA. The substance is a metabolite of cyclofenil, which was previously reviewed and not captured under any of the Schedules to the CDSA. The substance is not structurally similar to any of those included in the Schedules to the CDSA.

Recommendation: 4-Hydroxycyclofenil is not included in the schedules to the CDSA and is not a controlled substance.

Date: September 18\textsuperscript{th}, 2012.