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

Substance: Cyclofenil

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 has been shown to demonstrate weak estrogenic properties but it is not an anabolic steroid nor structurally similar to any of the substances listed in the CDSA.

Prepared by: ________________________________  Date: April 18th 2011

Evelyn Soo

Verified by: ________________________________  Date: __________

Kim Barber

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: Cyclofenil

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

Chemical Name: 4,4-(Cyclohexyldienemethylene)diphenol diacetate ester

Other Names: Phenol, 4-((4-(acetyloxy)phenyl)cyclohexylidenemethyl)-, acetate; p-Cresol, alpha-cyclohexylidene-alpha-(p-hydroxyphenyl)-, diacetate; Ondogyne

Chemical structure:

\[
\text{Chemical structure image}
\]

Molecular Formula: \(C_{23}H_{24}O_4\)

Pharmacological class / Application: Nonsteroidal estrogen

CAS-RN: 2624-43-3

International status:

US: Cyclofenil is not listed in the 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Cyclofenil is not listed in the schedules to the CDSA. The drug has been shown to demonstrate weak estrogenic properties and has been reported to be effective for the treatment of scleroderma. Cyclofenil has also been used as an anti-estrogen and is listed on the World Anti-Doping Agency (WADA) prohibited list. However, the substance is not an anabolic steroid and is not structurally similar to any of the substances listed in the schedules to the CDSA.

\[\text{References}\]


**Recommendation:** Cyclofenil is not included in the Schedules to the CDSA is not a controlled substance.

**Date:** 18 April 2011