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

Substance: Fenbufen

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):

- Fenbufen is not structurally similar to any controlled substance. It is not related to any controlled substance

Supporting document(s) attached: X (Drug Status Report by M. LeBelle)

Prepared by: ___________________________ Date: May 12, 2006
Xiao-Peng Feng

Verified by: ___________________________ Date: __________
Mike LEBELLE

Approved by: ___________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES
Drug Status Report

**Drug:** Fenbufen

**Drug Name Status:** Fenbufen is the proper name (INN)

**Chemical Name:** 4-(Biphenyl-4-yl)-4-oxobutanoic acid

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula:** $C_{16}H_{14}O_3$

**Pharmacological class / Application:** Nonsteroidal anti-inflammatory

**International status:**

US: The substance is not included in the Schedules to the CSA.

United Nations: The chemical 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. It is also not listed on 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: Fenbufen is not structurally similar to any controlled substance. It is not related to any controlled substance.

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