Drug Status Report

**Drug:** Formadrol Extreme XL

The manufacturer’s website at: http://www.lgsciences.com/Formadrol-Extreme-p/formadrol-extreme.htm claims the product contains the following ingredients:
3-beta-3-hydroxy-urs-12-ene-28-oic acid
2-Penyl-benzo{h}chromen-4-one

The first ingredient is known as ursolic acid (I).
The second ingredient is likely 2-phenylbenzo(h)chromen-4-one (II).

**Drug Name Status:** Ursolic acid is the common name. 2-Phenylbenzo(h)chromen-4-one is the chemical name.

**Other Names:** I - Malol; prunol. II - 7,8 - Benzoflavone; alpha-naphthoflavone.

**Chemical Name:** I- 3beta-Hydroxy-urs-12-en-28-oic acid
II- 2-Phenylbenzo(h)chromen-4-one

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:** I- C\(_{30}\)H\(_{48}\)O\(_3\)
II- C\(_{19}\)H\(_{12}\)O\(_2\)

**Pharmacological class / Application:** I - anti-inflammatory; II- inhibitor of prostaglandin synthesis

**International status:**

US: The substances are not listed on the schedules to the CSA and are not mentioned on the DEA website.
United Nations: The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control nor on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Substances I and II are not listed on the schedules to the CDSA and are not structurally similar to any substance listed on the schedules to the Act.

Recommendation: Ursolic acid (I) and 2-phenylbenzo(h)chromen-4-one (II) are not included in the schedules to the CDSA and are neither controlled substances nor precursors.

July 10, 2009