

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-Phenyl-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).

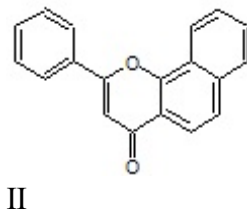
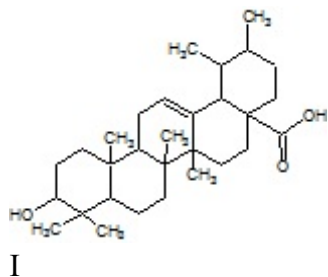
Drug Name Status: Ursolic acid is the common name. 2-Phenylbenzo(h)chromen-4-one is the chemical name.

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:



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