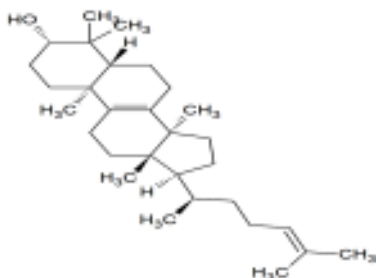


# Euphol

**ALTERNATE NAME:** NSC 36571  
Euphadienol  
(+)-Eupha-8,24-dien-3 $\beta$ -ol  
(+)-Euphol

**CATALOG #:** B3301-1 1 mg  
B3301-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>30</sub>H<sub>50</sub>O

**MOLECULAR WEIGHT:** 426.72

**CAS NUMBER:** 514-47-6

**APPEARANCE:** White solid

**PURITY:**  $\geq$ 98% by HPLC

**SOLUBILITY:** ~5 mg/ml DMSO

**DESCRIPTION:** Euphol is a naturally occurring tetracyclic triterpene that displays anti-inflammatory action. Euphol produces anti-inflammatory effects by mediating NF- $\kappa$ B, down-regulation of tumor necrosis factor- $\alpha$  and cyclooxygenase-2 and reduced activation of protein kinase C. Euphol inhibits the monoacylglycerol lipase (MAGL) activity via a reversible mechanism (IC<sub>50</sub>=315nM). MAGL inhibition in the periphery modulates the endocannabinoid system to block the development of inflammatory pain Also acts as an inhibitor the of SARS-CoV-2 main protease (MPro monomer, 6m03).

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Andrographolide (2389)  
6-Gingerol (2507)  
Wogonin (9693)  
Thymoquinone (B2172)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*