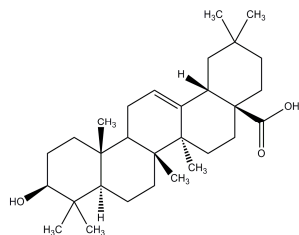


Oleanolic Acid

CATALOG #: 1731-100, 500

AMOUNT: 100 mg, 500 mg

STRUCTURE:



ALTERNATE NAME: 3b-Hydroxyolean-12-en-28-oic acid; Caryophyllin; Oleanic Acid

MOLECULAR FORMULA: C₃₀H₄₈O₃

MOLECULAR WEIGHT: 456.70

CAS NUMBER: 508-02-1

APPEARANCE: White to light yellow powder

SOLUBILITY: DMSO

PURITY: ≥90% by HPLC

STORAGE: Store at +4°C

DESCRIPTION: A triterpenoid compound that exists widely in food, medicinal herbs and other plants. Displays anti-tumor, anti-inflammatory and antihyperlipidemic properties. Also displays TGR5 agonist activity (EC₅₀ = 2.25 μM).

REFERENCE: Genet, C., *et al.* (2010). *J. Med. Chem.* **53**, 178-190; Sato, H., *et al.* (2007). *Biochem. Biophys. Res. Commun.* **362**, 793-798.

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

RELATED PRODUCTS:

- Betulinic Acid (**Cat. No. 1522-25**)
- TGR5 Receptor Agonist (**Cat. No. 1722-5**)

FOR RESEARCH USE ONLY! Not to be used in humans