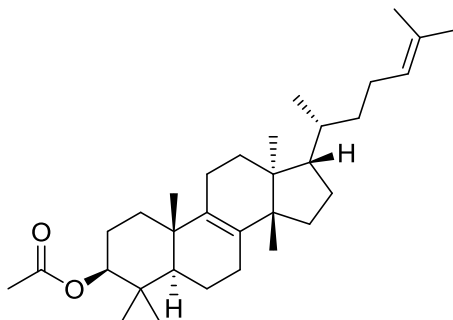


Euphol acetate

Code No.: **BIA-E1756**

Pack sizes: **1 mg, 5 mg**



Synonyms : Euphyl acetate

Specifications

CAS #	: 13879-04-4
Molecular Formula	: C₃₂H₅₂O₂
Molecular Weight	: 468.8
Source	: <i>Euphorbia</i> sp.
Appearance	: Cream solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Euphol acetate is a triterpene isolated from the latex of *Euphorbia broteri* and other members of the genus. Little is published on its biological activity, however, euphol itself is reported to have anti-inflammatory activity and inhibits tumor promotion.

References

1. Triterpenes from *Euphorbia broteri*. De Pascual T. et al., *Phytochem.* 1987, 26, 1767.
2. The role of PKC/ERK1/2 signaling in the anti-inflammatory effect of tetracyclic triterpene euphol on TPA-induced skin inflammation in mice. Passos G.F. et al., *Eur. J. Pharmacol.* 2013, 698, 413.
3. Inhibitory effect of euphol, a triterpene alcohol from the roots of *Euphorbia kansui*, on tumour promotion by 12-O-tetradecanoylphorbol-13-acetate in two-stage carcinogenesis in mouse skin. Yasukawa K. et al., *J. Pharm. Pharmacol.* 2000, 52, 119.