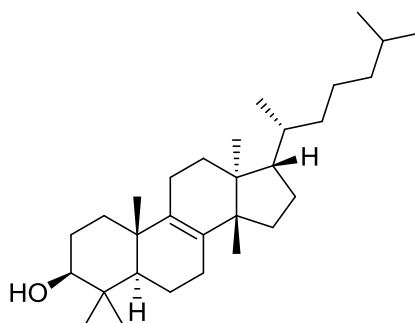


## Dihydroeuphol

Code No.: **BIA-D1765**

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



Synonyms : Eufenol, Euph-8-enol, Euphenol

### Specifications

CAS #	: 564-60-3
Molecular Formula	: C <sub>30</sub> H <sub>52</sub> O
Molecular Weight	: 428.8
Source	: <i>Euphorbia</i> sp.
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

### Application Notes

Dihydroeuphol is a tetracyclic triterpene isolated from members of the genus *Euphorbia*. There are no published reports of the biological activity of dihydroeuphol, however its analogue, euphol, has cytotoxic, antinociceptive and antioxidant activity.

### References

1. Isolation of euphol and  $\alpha$ -euphorbol from euphorbium. Newbold G.T & Spring F.S., J. Chem. Soc. 1944, 249.
2. *Euphorbia neriifolia* L.: Review on botany, ethnomedicinal uses, phytochemistry and biological activities. Mali P.Y. & Pancal S.S., Asian Pacific J. Trop. Med. 2017, 10, 430.
3. The antinociceptive effects of the tetracyclic triterpene euphol in inflammatory and neuropathic pain models: The potential role of PKC $\epsilon$ . Dutra R.C. et al., Neurosci. 2015, 303, 126.