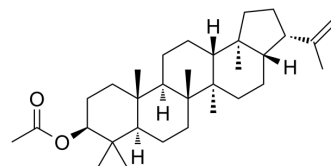


## 3β-Acetoxy-hop-22(29)-ene

Cat. No.:	HY-N10439
CAS No.:	76582-61-1
Molecular Formula:	C <sub>32</sub> H <sub>52</sub> O <sub>2</sub>
Molecular Weight:	468.75
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	3β-Acetoxy-hop-22(29)-ene (compound 1) is a potent anti-inflammatory agent. 3β-Acetoxy-hop-22(29)-ene shows high inhibitory activity of yeast α-glucosidase, with an IC <sub>50</sub> of 5.74 μM. 3β-Acetoxy-hop-22(29)-ene inhibits MPO (myeloperoxidase) activity in a dose-dependent manner in mouse ear edema model induced by 12-O-tetradecanoylphorbol acetate (TPA), with an IC <sub>50</sub> of 0.23 μmol/ear <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.23 μmol/ear (MPO), 5.74 ± 0.49 μM (yeast α-glucosidase) <sup>[1]</sup>

### REFERENCES

[1]. López-Huerta FA, et al. Hopane-type triterpenes from *Cnidoscopus spinosus* and their bioactivities. *Bioorg Chem.* 2020 Jul;100:103919.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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