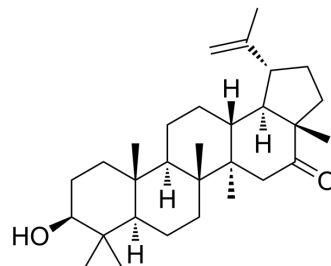


3β-Hydroxy-lup-20(29)-en-16-one

Cat. No.:	HY-156754
CAS No.:	65043-60-9
Molecular Formula:	C ₃₀ H ₄₈ O ₂
Molecular Weight:	440.7
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3β-Hydroxy-lup-20(29)-en-16-one (compound 9) is a dual inhibitor of AChE and BChE, with selectivity for BChE (IC ₅₀ : 28.9 μM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 28.9 μM (BChE) ^[1]

REFERENCES

[1]. Castro MJ, et al. Oxidation at C-16 enhances butyrylcholinesterase inhibition in lupane triterpenoids. *Bioorg Chem.* 2018 Sep;79:301-309.

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

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