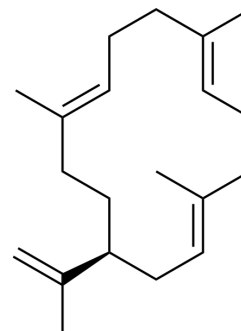


(+)-Cembrene A

Cat. No.:	HY-N10426
CAS No.:	72691-72-6
Molecular Formula:	C ₂₀ H ₃₂
Molecular Weight:	272.47
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(+)-Cembrene A (Compound 5) is a α -glucosidase inhibitor with an IC ₅₀ of 30.31 μ M. (+)-Cembrene A is nontoxic towards human normal hepatocyte (LO2) cells ^[1] .
IC ₅₀ & Target	IC ₅₀ : 30.31 μ M (α -glucosidase) ^[1]

REFERENCES

[1]. Wu MJ, et al. New cembrane-type diterpenoids from the South China Sea soft coral *Sinularia crassa* and their α -glucosidase inhibitory activity. *Bioorg Chem.* 2020 Nov;104:104281.

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

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