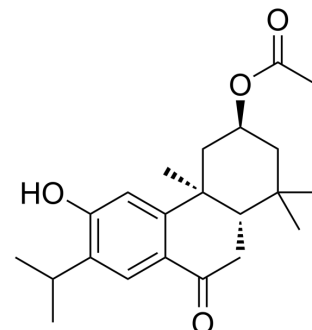


(3S,4aS,10aS)-3-(Acetyloxy)-2,3,4,4a,10,10a-hexahydro-6-hydroxy-1,1,4a-trimethyl-7-(1-methylethyl)-9(1H)-phenanthrenone

Cat. No.:	HY-N10922
CAS No.:	878800-84-1
Molecular Formula:	C ₂₂ H ₃₀ O ₄
Molecular Weight:	358.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(3S,4aS,10aS)-3-(Acetyloxy)-2,3,4,4a,10,10a-hexahydro-6-hydroxy-1,1,4a-trimethyl-7-(1-methylethyl)-9(1H)-phenanthrenone (compound 3), a Palmitate, can be isolated from the root tissue of *Salvia miltiorrhiza*. (3S,4aS,10aS)-3-(Acetyloxy)-2,3,4,4a,10,10a-hexahydro-6-hydroxy-1,1,4a-trimethyl-7-(1-methylethyl)-9(1H)-phenanthrenone (compound 3) shows anti-cancer activity against human cancer cell lines with DC₅₀s of 25.5 µg/mL (HeLa), 37.5 µg/mL (HepG2), 30.2 µg/mL (OVCAR-3), respectively^[1].

REFERENCES

[1]. Don MJ, et al. Cytotoxic and aromatic constituents from *Salvia miltiorrhiza*. *Phytochemistry*. 2006 Mar;67(5):497-503.

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

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