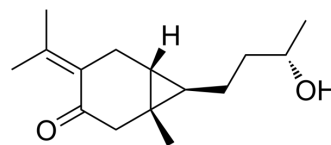


Dihydrocurcumenone

Cat. No.:	HY-N10881
CAS No.:	142717-57-5
Molecular Formula:	C ₁₅ H ₂₄ O ₂
Molecular Weight:	236.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dihydrocurcumenone is a carabrane-type sesquiterpene. Dihydrocurcumenone can be isolated from *Curcuma zedoaria*, and the common form is 4-dihydrocurcumenone. *Curcuma zedoaria* sesquiterpene has vascular relaxation activity. 4-dihydrocurcumenone can inhibit the high concentration of K⁺ induced constriction of isolated rat aortic strips^[1].

REFERENCES

[1]. Yoshikawa M, et al. Absolute stereostructures of carabrane-type sesquiterpenes, curcumenone, 4S-dihydrocurcumenone, and curcarabranols A and B: Vasorelaxant activity of zedoary sesquiterpenes[J]. *Chemical and pharmaceutical bulletin*, 1998, 46(7): 1186-1188.

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

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