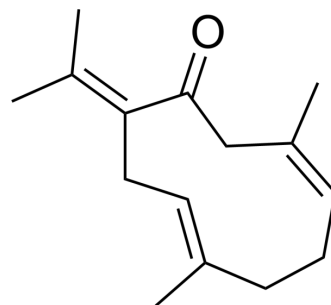


cis,trans-Germacrone

Cat. No.:	HY-145670
CAS No.:	32663-51-7
Molecular Formula:	C ₁₅ H ₂₂ O
Molecular Weight:	218.33
Target:	Akt; MDM-2/p53
Pathway:	PI3K/Akt/mTOR; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

cis,trans-Germacrone is an isomer of Germacrone (HY-N0440). Germacrone exhibits a wide range of antitumor, antioxidant and anti-inflammatory effects. Germacrone inhibits lung cancer cell proliferation and alters the Akt/MDM2/p53. Germacrone also arrests cell cycle at G1/S phase^[1].

REFERENCES

[1]. Zhao Y, et al. Germacrone induces lung cancer cell apoptosis and cell cycle arrest via the Akt/MDM2/p53 signaling pathway. Mol Med Rep. 2021 Jun;23(6):452.

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

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