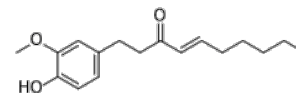


Product Name : 6-Shogaol
Cat. No. : PC-28015
CAS No. : 555-66-8
Molecular Formula : C₁₇H₂₄O₃
Molecular Weight : 276.38
Target : PPAR
Solubility : 10 mM in DMSO



Biological Activity

6-Shogaol ([6]-Shogaol) is an active compound isolated from ginger root (Rhizoma Zingiberis Recens) with various biological activities including anticancer, anti-inflammation, and anti-oxidation, inhibits breast and colon cancer cell proliferation through activation of **PPAR γ** .

6-Shogaol inhibits breast and colon cancer cell proliferation through activation of peroxisomal proliferator activated receptor gamma (PPAR γ).

6-Shogaol inhibits PMA-stimulated MDA-MB-231 cell invasion with an accompanying decrease in **MMP-9** secretion, decreases NF- κ B transcriptional activity.

6-shogaol induces apoptosis, modulates cyclins expression and targets cancer survival signaling pathways in HCC cell lines.

References

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Ling H, et al. **Br J Pharmacol.** 2010 Dec;161(8):1763-77.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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