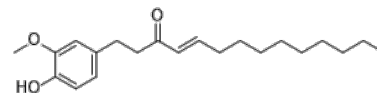


Product Name : 10-Shogaol
Cat. No. : PC-28016
CAS No. : 36752-54-2
Molecular Formula : C₂₁H₃₂O₃
Molecular Weight : 332.48
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

10-Shogaol ([10]-Shogaol) is an active component of steamed ginger increases adrenaline secretion via the activation of **TRPV1**, also partially activates **5-HT1A** receptor with K_i of 3-20 uM, also inhibits PMA-stimulated MDA-MB-231 cell invasion by reducing **MMP-9** expression, also inhibits **COX-2** with IC₅₀ of 7.5 uM.

References

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Iwasaki Y, et al. *Nutr Neurosci*. 2006 Jun-Aug;9(3-4):169-78.
Ling H, et al. *Br J Pharmacol*. 2010 Dec;161(8):1763-77.
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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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