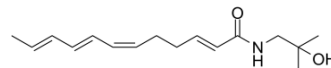


Hydroxy- α -sanshool

Cat. No.:	HY-N6825
CAS No.:	83883-10-7
Molecular Formula:	C ₁₆ H ₂₅ NO ₂
Molecular Weight:	263.38
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Hydroxy- α -sanshool is an alkylamide isolated from pepper , acts as a TRPA1 covalent and TRPV1 non-covalent agonist, with EC ₅₀ s of 69 and 1.1 μ M, respectively ^[1] .
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IC ₅₀ & Target	EC ₅₀ : 69 μ M (TRPA1), 1.1 μ M (TRPV1) ^[1]
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REFERENCES

[1]. Koo JY, et al. Compounds from Sichuan and Melegueta peppers activate, covalently and non-covalently, TRPA1 and TRPV1 channels. Br J Pharmacol. 2009 Aug;157(8):1398-409.

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

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