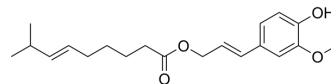


Capsiconiate

Cat. No.:	HY-111038
CAS No.:	946572-73-2
Molecular Formula:	C ₂₀ H ₂₈ O ₄
Molecular Weight:	332.43
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Capsiconiate (Coniferyl (E)-8-methyl-6-nonenoate) is a TRPV1 agonist (EC ₅₀ = 3.2 μM). Capsiconiate can be used to study TRPV1-mediated diseases such as pain, inflammation, and epilepsy (EC ₅₀ = 3.2 μM) ^[1] .
IC ₅₀ & Target	EC ₅₀ : 3.2 μM (TRPV1) ^[1] .

REFERENCES

[1]. Kobata K, et al. Isolation of coniferyl esters from *Capsicum baccatum* L., and their enzymatic preparation and agonist activity for TRPV1. *Phytochemistry*. 2008 Mar;69(5):1179-84.

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

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