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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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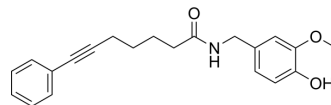
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Phenylcapsaicin

Cat. No.:	HY-158110
CAS No.:	848127-67-3
Molecular Formula:	C ₂₁ H ₂₃ NO ₃
Molecular Weight:	337.41
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

Phenylcapsaicin is an analogue of Capsaicin (HY-10448). Phenylcapsaicin is a TRPV1 receptor activator. Phenylcapsaicin enhances fat oxidation during aerobic exercise^{[1][2]}.

REFERENCES

[1]. Jiménez-Martínez P, et al. Effects of phenylcapsaicin on aerobic capacity and physiological parameters in active young males: a randomized, triple-blinded, placebo-controlled, crossover trial. *Front Physiol.* 2023 May 9;14:1190345.

[2]. EFSA Panel on Nutrition, et al. Safety of phenylcapsaicin as a novel food pursuant to Regulation (EU) 2015/2283. *EFSA J.* 2019 Jun 14;17(6):e05718.

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

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