



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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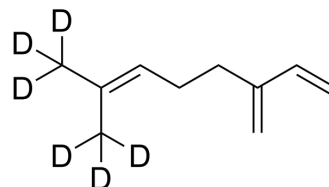
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Myrcene-d₆

Cat. No.:	HY-N0803S
CAS No.:	75351-99-4
Molecular Formula:	C ₁₀ H ₁₀ D ₆
Molecular Weight:	142.27
Target:	NF-κB
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Myrcene-d₆ is the deuterium labeled Myrcene. Myrcene (β-Myrcene) is a type of aromatic compound that inhibits TNFα and NF-κB activity. Myrcene has anti-invasive action, inhibits cell cycle, and leads to cancer cell apoptosis. Myrcene has strong blood protection effect, anti-inflammation, and anti-inflammatory activity^{[1][2][3][4][5]}.

REFERENCES

- [1]. Eunsoo Hwang, et al. Myrcene, an Aromatic Volatile Compound, Ameliorates Human Skin Extrinsic Aging via Regulation of MMPs Production. *Am J Chin Med.* 2017;45(5):1113-1124.
- [2]. Jeong-Ho Lee, et al. Anti-invasive effect of β-myrcene, a component of the essential oil from *Pinus koraiensis* cones, in metastatic MDA-MB-231 human breast cancer cells. *Journal of the Korean Society for Applied Biological Chemistry* volume 58, pages563–569.
- [3]. Bai X, et al. Myrcene exhibits antitumor activity against lung cancer cells by inducing oxidative stress and apoptosis mechanisms[J]. *Natural Product Communications*, 2020, 15(9): 1934578X20961189.
- [4]. Islam AUS, et al. Myrcene Attenuates Renal Inflammation and Oxidative Stress in the Adrenalectomized Rat Model. *Molecules.* 2020 Sep 30;25(19):4492.
- [5]. Kumar R, et al. Ameliorative effect of myrcene in mouse model of Alzheimer's disease. *Eur J Pharmacol.* 2021 Nov 15;911:174529.

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

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