



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

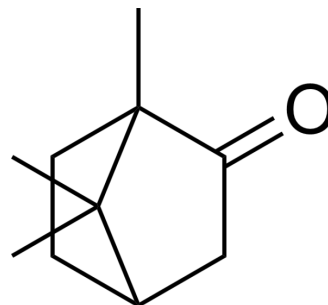
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Camphor (Standard)

Cat. No.:	HY-N0808R
CAS No.:	76-22-2
Molecular Formula:	C ₁₀ H ₁₆ O
Molecular Weight:	152.23
Target:	Influenza Virus; TRP Channel
Pathway:	Anti-infection; Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Camphor (Standard) is the analytical standard of Camphor. This product is intended for research and analytical applications. Camphor ((±)-Camphor) is a topical anti-infective and anti-pruritic and internally as a stimulant and carminative. However, Camphor is poisonous when ingested. Antiviral, antitussive, and anticancer activities ^[1] . Camphor is a TRPV3 agonist ^[2] .
IC ₅₀ & Target	TRPV3 ^[2]

REFERENCES

- [1]. Chen W, et al. Camphor--a fumigant during the Black Death and a coveted fragrant wood in ancient Egypt and Babylon--a review. *Molecules*. 2013 May 10;18(5):5434-54.
- [2]. Billen B, et al. Different ligands of the TRPV3 cation channel cause distinct conformational changes as revealed by intrinsic tryptophan fluorescence quenching. *J Biol Chem*. 2015 May 15;290(20):12964-74.
- [3]. Tran TA, et al. Camphor Induces Proliferative and Anti-senescence Activities in Human Primary Dermal Fibroblasts and Inhibits UV-Induced Wrinkle Formation in Mouse Skin. *Phytother Res*. 2015 Dec;29(12):1917-25.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA