



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

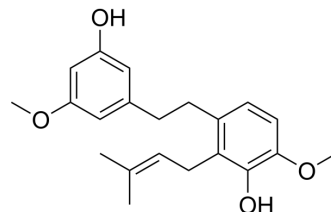
mail@szabo-scandic.com

www.szabo-scandic.com

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

Canniprene

Cat. No.:	HY-N3535
CAS No.:	70677-47-3
Molecular Formula:	C ₂₁ H ₂₆ O ₄
Molecular Weight:	342.43
Target:	Prostaglandin Receptor; Lipoxygenase
Pathway:	GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Canniprene, an isoprenylated bibenzyl unique to Cannabis sativa, is a potent inhibitor of 5-lipoxygenase (5-LO) activity (IC ₅₀ =0.4 μM) and cyclooxygenase/microsomal prostaglandin E2 synthase (PGE ₂ ; IC ₅₀ =10 μM). Canniprene inhibits the production of inflammatory eicosanoids and affects the generation of prostaglandins ^[1] .	
IC ₅₀ & Target	5-LO 0.4 μM (IC ₅₀)	PGE ₂ 10 μM (IC ₅₀)

REFERENCES

[1]. Allegrone G, et al. The Bibenzyl Canniprene Inhibits the Production of Pro-Inflammatory Eicosanoids and Selectively Accumulates in Some Cannabis sativa Strains. J Nat Prod. 2017 Mar 24;80(3):731-734.

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