



SZABO SCANDIC

Part of Europa Biosite

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 HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

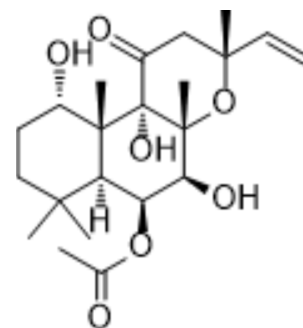
mail@szabo-scandic.com

www.szabo-scandic.com

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

Isoforskolin

Cat. No.:	HY-N6927
CAS No.:	64657-21-2
Molecular Formula:	C ₂₂ H ₃₄ O ₇
Molecular Weight:	410.5
Target:	TNF Receptor; Interleukin Related
Pathway:	Apoptosis; Immunology/Inflammation
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Isoforskolin is the principle active component of <i>C. forskohlii</i> native to China. Isoforskolin reduces the secretion of lipopolysaccharide (LPS)-induced cytokines, namely TNF- α , IL-1 β , IL-6 and IL-8, in human mononuclear leukocytes. Isoforskolin acts as an anti-inflammatory agent for the treatment of Lyme arthritis ^[1] .		
IC₅₀ & Target	IL-1 β	IL-6	IL-8
In Vitro	Isoforskolin downregulates the transcription and expression of TNF- α and IL-6 induced by recombinant <i>Borrelia burgdorferi</i> basic membrane protein A (rBmpA) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. Zhao H, et al. Isoforskolin downregulates proinflammatory responses induced by *Borrelia burgdorferi* basic membrane protein A. *Exp Ther Med*. 2017 Dec;14(6):5974-5980.

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