



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

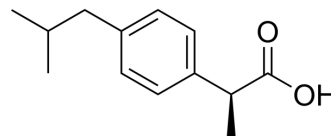
mail@szabo-scandic.com

www.szabo-scandic.com

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

(S)-(+)-Ibuprofen (Standard)

Cat. No.:	HY-78131AR
CAS No.:	51146-56-6
Molecular Formula:	C ₁₃ H ₁₈ O ₂
Molecular Weight:	206.28
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(S)-(+)-Ibuprofen (Standard) is the analytical standard of (S)-(+)-Ibuprofen. This product is intended for research and analytical applications. (S)-(+)-Ibuprofen ((S)-Ibuprofen), a S(+)-enantiomer of Ibuprofen, is a potent COX-1 and COX-2 inhibitor with IC₅₀s of 2.1 μM and 1.6 μM, respectively. (S)-(+)-Ibuprofen has analgesic, anti-inflammatory, anticancer and antipyretic effects^{[1][2]}.

REFERENCES

- [1]. Evans AM, et al. Comparative pharmacology of S(+)-ibuprofen and (RS)-ibuprofen. Clin Rheumatol. 2001 Nov;20 Suppl 1:S9-14.
- [2]. N Scheuren, et al. Modulation of transcription factor NF-kappaB by enantiomers of the nonsteroidal drug ibuprofen. Br J Pharmacol. 1998 Feb;123(4):645-52.
- [3]. Astrid Janssen, et al. Evidence of COX-2 independent induction of apoptosis and cell cycle block in human colon carcinoma cells after S- or R-ibuprofen treatment. Eur J Pharmacol. 2006 Jul 1;540(1-3):24-33.

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