



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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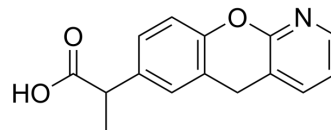
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Pranoprofen (Standard)

Cat. No.:	HY-B0336R
CAS No.:	52549-17-4
Molecular Formula:	C ₁₅ H ₁₃ NO ₃
Molecular Weight:	255.27
Target:	Apoptosis; PGE synthase; COX
Pathway:	Apoptosis; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pranoprofen (Standard) is the analytical standard of Pranoprofen. This product is intended for research and analytical applications. Pranoprofen is a non-steroidal anti-inflammatory agent (NSAID) for the research of keratitis or other ophthalmology diseases. Pranoprofen inhibit COX-1 and COX-2 enzymes, thus blocking arachidonic acid converted to eicosanoids and reducing prostaglandins synthesis^{[1][2]}.

REFERENCES

- [1]. Toru Hosoi, et al. Effect of pranoprofen on endoplasmic reticulum stress in the primary cultured glial cells. *Neurochem Int.* 2009 Jan;54(1):1-6.
- [2]. Minting Chen, et al. The Therapeutic Effects and Possible Mechanism of Pranoprofen in Mouse Model of Corneal Alkali Burns. *J Ophthalmol.* 2020 Apr 6;2020:7485912.
- [3]. Xiaoli Wu, et al. Rescuing Dicer expression in inflamed colon tissues alleviates colitis and prevents colitis-associated tumorigenesis. *Theranostics.* 2020 Apr 27;10(13):5749-5762.

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

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