



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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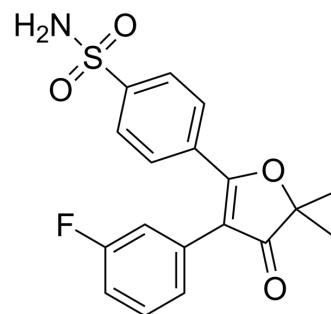
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Polmacoxib (Standard)

Cat. No.:	HY-16726R
CAS No.:	301692-76-2
Molecular Formula:	C ₁₈ H ₁₆ FNO ₄ S
Molecular Weight:	361.39
Target:	COX; Carbonic Anhydrase
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Polmacoxib (Standard) is the analytical standard of Polmacoxib. This product is intended for research and analytical applications. Polmacoxib (CG100649) is a first-in-class, orally active nonsteroidal anti-inflammatory agent (NSAID) which is a dual inhibitor of COX-2 (IC₅₀ around 0.1 µg/ml) and carbonic anhydrase^[1]. Polmacoxib inhibits colorectal adenoma and tumor growth in mouse models^[2].

REFERENCES

- [1]. Kim SH, et al. CG100649, a novel COX-2 inhibitor, inhibits colorectal adenoma and carcinoma growth in mouse models. *Invest New Drugs*. 2014;32(6):1105-1112.
- [2]. Flick AC, et al. Synthetic Approaches to the New Drugs Approved During 2015 [published correction appears in *J Med Chem*. 2017 Oct 26;60(20):8680]. *J Med Chem*. 2017;60(15):6480-6515.

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

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