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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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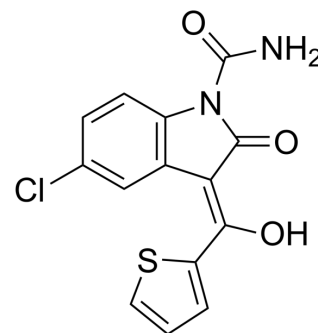
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Tenidap (Standard)

Cat. No.:	HY-105028R
CAS No.:	120210-48-2
Molecular Formula:	C ₁₄ H ₉ ClN ₂ O ₃ S
Molecular Weight:	320.75
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tenidap (Standard) is the analytical standard of Tenidap. This product is intended for research and analytical applications. Tenidap, a non-steroidal anti-inflammatory drug, is a selective COX-1 inhibitor, with IC₅₀ values of 0.03 μM and 1.2 μM for COX-1 and COX-2, respectively. Tenidap has anti-inflammatory and antirheumatic properties^{[1][2]}. Tenidap is also a specific SLC26A3 inhibitor^[3].

REFERENCES

- [1]. Kirchner T, et al. Evaluation of the antiinflammatory activity of a dual cyclooxygenase-2 selective/5-lipoxygenase inhibitor, RWJ 63556, in a canine model of inflammation. *J Pharmacol Exp Ther.* 1997 Aug;282(2):1094-101.
- [2]. Blackburn WD Jr, et al. Tenidap in rheumatoid arthritis. A 24-week double-blind comparison with hydroxychloroquine-plus-piroxicam, and piroxicam alone. *Arthritis Rheum.* 1995 Oct;38(10):1447-56.
- [3]. Julio C Chávez, et al. Participation of the Cl⁻/HCO₃⁻ exchangers SLC26A3 and SLC26A6, the Cl⁻ channel CFTR, and the regulatory factor SLC9A3R1 in mouse sperm capacitation. *Biol Reprod.* 2012 Jan 19;86(1):1-14.

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

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