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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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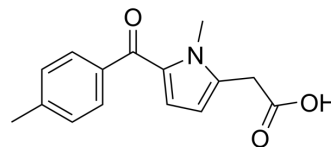
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Tolmetin (Standard)

| | |
|---------------------------|---|
| Cat. No.: | HY-B1799R |
| CAS No.: | 26171-23-3 |
| Molecular Formula: | C ₁₅ H ₁₅ NO ₃ |
| Molecular Weight: | 257.28 |
| Target: | COX |
| Pathway: | Immunology/Inflammation |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Tolmetin (Standard) is the analytical standard of Tolmetin. This product is intended for research and analytical applications. Tolmetin is an orally active and potent COX inhibitor with IC₅₀s of 0.35 μM and 0.82 μM human COX-1 and COX-2, respectively. Tolmetin is a non-steroidal anti-inflammatory drug (NSAID)^{[1][2]}.

REFERENCES

- [1]. T D Warner, et al. Nonsteroid drug selectivities for cyclo-oxygenase-1 rather than cyclo-oxygenase-2 are associated with human gastrointestinal toxicity: a full in vitro analysis. Proc Natl Acad Sci U S A. 1999 Jun 22;96(13):7563-8.
- [2]. DADAŞ, Yakup, et al. Synthesis and anticancer activity of some novel tolmetin thiosemicarbazides. Marmara Pharmaceutical Journal 19(3) • April 2015
- [3]. Etcheverry SB, et al. Three new vanadyl(IV) complexes with non-steroidal anti-inflammatory drugs (Ibuprofen, Naproxen and Tolmetin). Bioactivity on osteoblast-like cells in culture. J Inorg Biochem. 2002 Jan 1;88(1):94-100.

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

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