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Produktinformation



Forschungsprodukte & Biochemikalien



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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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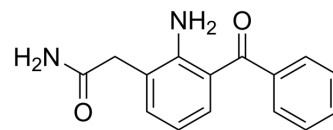
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Nepafenac (Standard)

Cat. No.:	HY-17357R
CAS No.:	78281-72-8
Molecular Formula:	C ₁₅ H ₁₄ N ₂ O ₂
Molecular Weight:	254.28
Target:	COX; Bacterial
Pathway:	Immunology/Inflammation; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nepafenac (Standard) is the analytical standard of Nepafenac. This product is intended for research and analytical applications. Nepafenac (AHR 9434; AL 6515; Nevanac) is a COX-2 inhibitor and the original drug of Amfenac.

REFERENCES

- [1]. Gamache DA, Graff G, Brady MT et al. Nepafenac, a unique nonsteroidal prodrug with potential utility in the treatment of trauma-induced ocular inflammation: I. Assessment of anti-inflammatory efficacy. *Inflammation*. 2000 Aug;24(4):357-70.
- [2]. Ke TL, Graff G, Spellman JM, Yanni JM. Nepafenac, a unique nonsteroidal prodrug with potential utility in the treatment of trauma-induced ocular inflammation: II. In vitro bioactivation and permeation of external ocular barriers. *Inflammation*. 2000 Aug;24(4):371-84.
- [3]. Lindstrom R, Kim T. Ocular permeation and inhibition of retinal inflammation: an examination of data and expert opinion on the clinical utility of nepafenac. *Curr Med Res Opin*. 2006 Feb;22(2):397-404.
- [4]. Marshall JC, Fernandes BF, Di Cesare S et al. The use of a cyclooxygenase-2 inhibitor (Nepafenac) in an ocular and metastatic animal model of uveal melanoma. *Carcinogenesis*. 2007 Sep;28(9):2053-8.
- [5]. Singh R, Alpern L, Jaffe GJ et al. Evaluation of nepafenac in prevention of macular edema following cataract surgery in patients with diabetic retinopathy. *Clin Ophthalmol*. 2012;6:1259-69.

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

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