



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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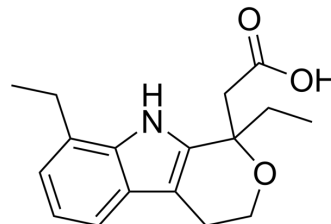
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## Etodolac (Standard)

<b>Cat. No.:</b>	HY-76251R
<b>CAS No.:</b>	41340-25-4
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>21</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	287.35
<b>Target:</b>	COX
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Etodolac (Standard) is the analytical standard of Etodolac. This product is intended for research and analytical applications. Etodolac (AY-24236) is a non-steroidal anti-inflammatory compound that is a non-selective inhibitor of COX (IC <sub>50</sub> =53.5 nM)
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 53.5 nM (COX) <sup>[1]</sup> .

### REFERENCES

- [1]. Riendeau D, et al. Biochemical and pharmacological profile of a tetrasubstituted furanone as a highly selective COX-2 inhibitor. *Br J Pharmacol.* 1997 May;121(1):105-17.
- [2]. Ito S, Tajima K, Nogawa M et al. Etodolac, a cyclooxygenase-2 inhibitor, attenuates paclitaxel-induced peripheral neuropathy in a mouse model of mechanical allodynia. *J Pharmacol Exp Ther.* 2012 Jul;342(1):53-60.
- [3]. Yanaoka K, Oka M, Yoshimura N et al. Preventive effects of etodolac, a selective cyclooxygenase-2 inhibitor, on cancer development in extensive metaplastic gastritis, a *Helicobacter pylori*-negative precancerous lesion. *Int J Cancer.* 2010 Mar 15;126(6):1467-73.
- [4]. Matsuyama M, Yoshimura R, Hase T et al. Administration of the selective cyclooxygenase (COX)-2 inhibitor etodolac prolongs cardiac allograft survival in a mouse model. *Mol Med Report.* 2010 Sep-Oct;3(5):771-4.

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

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