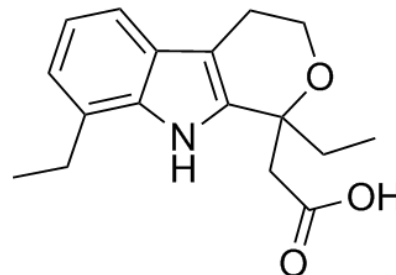


**Product Name** : Etodolac  
**Cat. No.** : PC-45966  
**CAS No.** : 41340-25-4  
**Molecular Formula** : C<sub>17</sub>H<sub>21</sub>NO<sub>3</sub>  
**Molecular Weight** : 287.3535  
**Target** : Cyclooxygenase (COX)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Etodolac (AY-24236) is a nonsteroidal anti-inflammatory drug that acts as a non-selective inhibitor of **COX** with IC<sub>50</sub> of 53.5 nM.

Etodolac (AY-24236) also inhibits **PGHS-2** and shows 10-fold selectivity over PGHS-1.

Etodolac (AY-24236) exhibits 10-fold selectivity for inhibition of PGHS-2 mediated TxB<sub>2</sub> production in a human whole blood assay.

Etodolac is licensed for the treatment of inflammation and pain caused by osteoarthritis and rheumatoid arthritis.

### References

Ito S, et al. J Pharmacol Exp Ther. 2012 Jul;342(1):53-60.

Glaser K, et al. Eur J Pharmacol. 1995 Jul 25;281(1):107-11.

Suyama H, et al. Brain Res. 2004 Jun 4;1010(1-2):144-50.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com