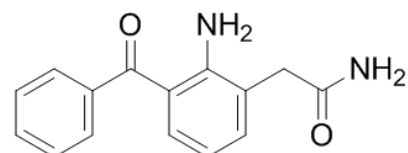


**Product Name** : Nepafenac  
**Cat. No.** : PC-45177  
**CAS No.** : 78281-72-8  
**Molecular Formula** : C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 254.2839  
**Target** : Cyclooxygenase (COX)  
**Solubility** : DMSO: ≥ 32 mg/mL



## Biological Activity

A nonsteroidal anti-inflammatory drug (NSAID) that inhibits COX-1 and COX-2 activity; a prodrug of amfenac.  
Other Indication  
Approved

## References

- Gamache DA, et al. Inflammation. 2000 Aug;24(4):357-70.  
Singh RP, et al. Ophthalmology. 2017 Jun;124(6):776-785.  
Abu Hussein NB, et al. J Ophthalmol. 2017;2017:3765253.

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

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