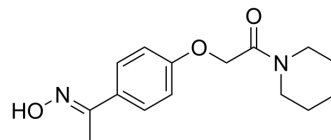


## Pifoxime

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-148224   |
| CAS No.:           | 31224-92-7  |
| Molecular Formula: | C <sub>15</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>                             |
| Molecular Weight:  | 276.33  |
| Target:            | COX   |
| Pathway:           | Immunology/Inflammation   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |   |       |  |
|---------------------------|---|-------|--|
| Description               | Pifoxime is a COX-1/2 inhibitor, a non-steroidal anti-inflammatory agent (NSAID). Pifoxime shows anti-inflammatory activity, and can be used in neuropsychiatric research <sup>[1][2]</sup> . |       |  |
| IC <sub>50</sub> & Target | COX-1   | COX-2 |  |

### REFERENCES

[1]. Gauvin DV, et al. The standardized functional observational battery: Its intrinsic value remains in the instrument of measure: The rat. J Pharmacol Toxicol Methods. 2016 Nov-Dec;82:90-108.

[2]. Onakpoya IJ, et al. Post-marketing withdrawal of analgesic medications because of adverse drug reactions: a systematic review. Expert Opin Drug Saf. 2018 Jan;17(1):63-72.

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

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