

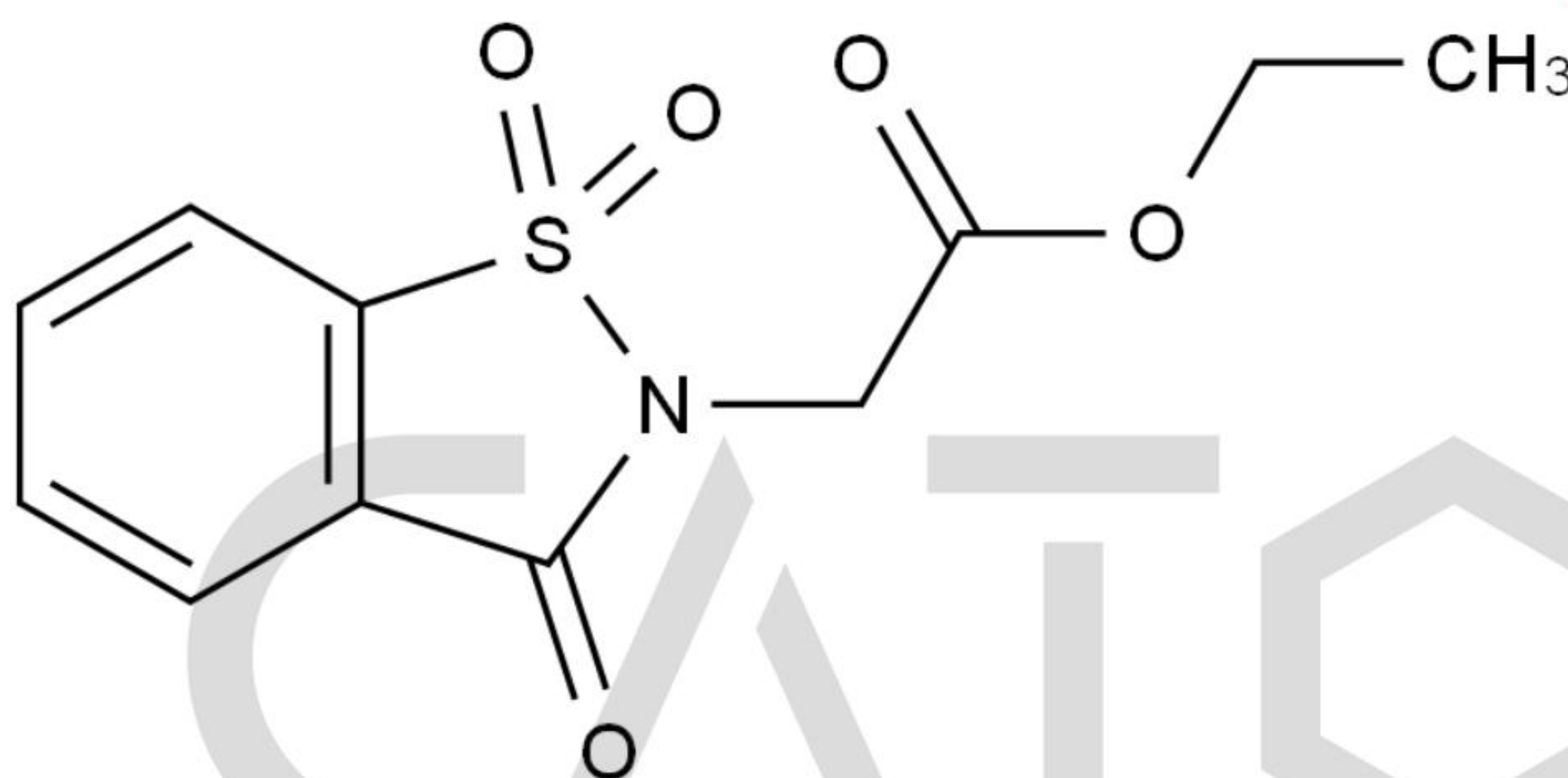
# Certificate of Analysis

## Reference Material & Standard

|                    |                                                   |                   |                                           |
|--------------------|---------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Piroxicam EP Impurity E                           | Catalogue Number: | C4X-17335                                 |
| Synonyms:          | N/A                                               | Lot Number:       | 0109-RF-0015                              |
| CAS Number:        | 24683-20-3                                        | Expiry Date:      | Jan 09, 2026                              |
| Molecular Formula: | C <sub>11</sub> H <sub>11</sub> NO <sub>5</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 269.27                                            | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 95.2068%    |
| Loss On Drying | TGA               | 0.1273%     |
| Assay          |                   | 95.1%       |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

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Date: Jan 10, 2024

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