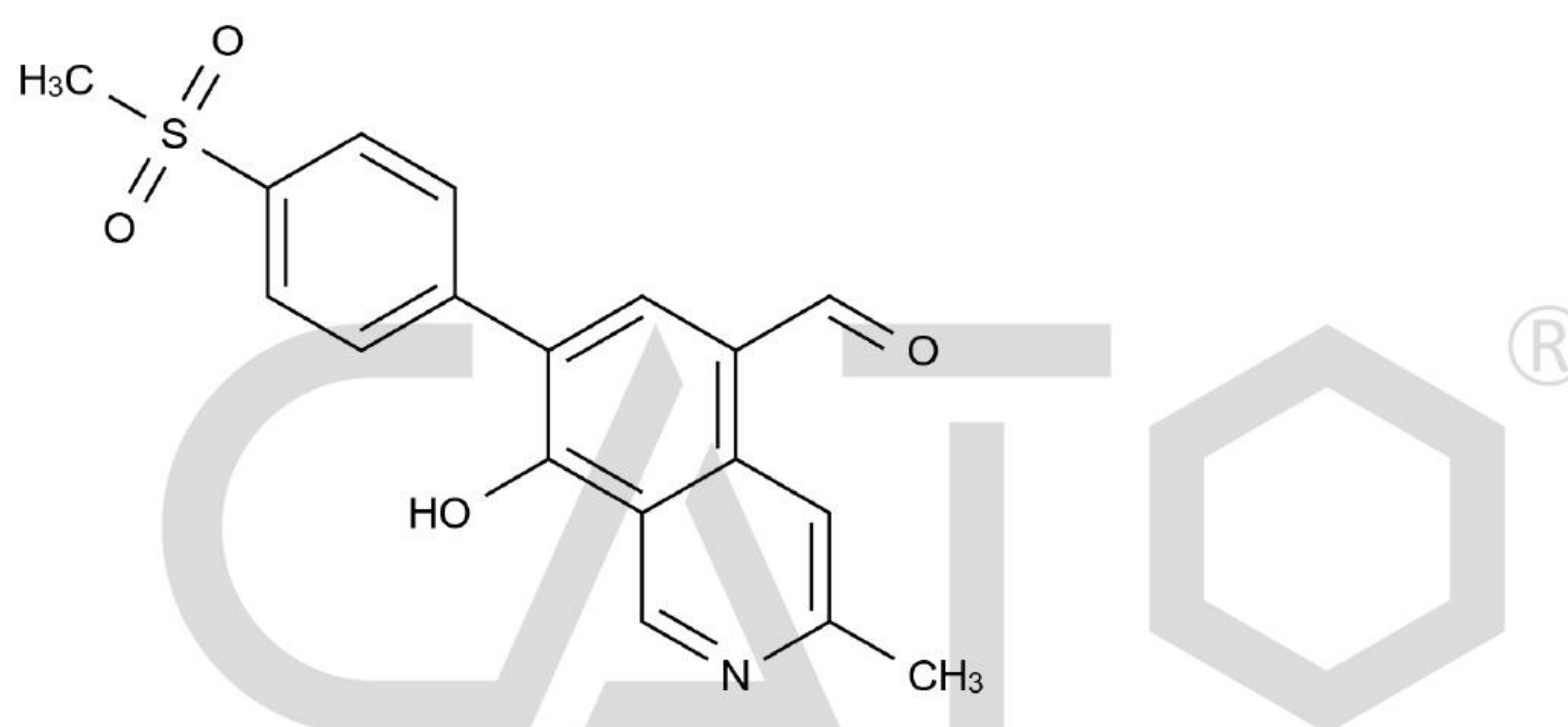


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                   |                     |                                           |
|--------------------|---------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Etoricoxib Impurity 81                            | Catalogue Number:   | C4X-108081                                |
| Synonyms:          | N/A                                               | Lot Number:         | 0226-RH-0104                              |
| CAS Number:        | 2241145-66-2                                      | Expiry Date:        | Feb 27, 2030                              |
| Molecular Formula: | C <sub>18</sub> H <sub>15</sub> NO <sub>4</sub> S | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 341.38                                            | Shipping Condition: | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | Brown Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.944%     |
| Loss On Drying | TGA               | 4.2064%     |
| Assay          |                   | 92.9%       |

## Comment:

The calculation of the mass balance 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:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Feb 28, 2026

Date: Mar 02, 2026

Date: Mar 02, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

