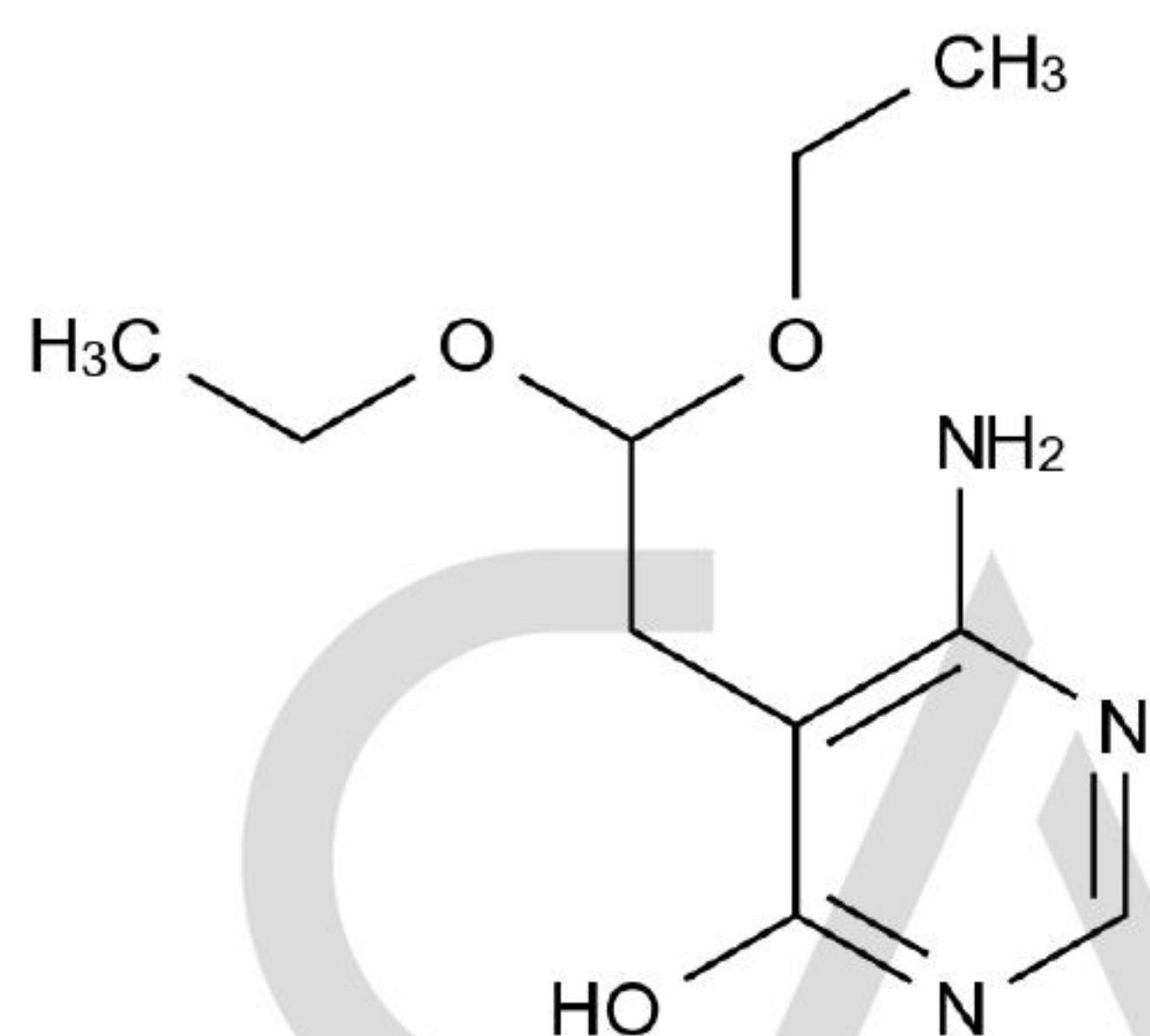


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                               |                            |                                           |
|---------------------------|---------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Tofacitinib Impurity 137                                      | <b>Catalogue Number:</b>   | C4X-1079137                               |
| <b>Synonyms:</b>          | N/A                                                           | <b>Lot Number:</b>         | 1208-RG-0048                              |
| <b>CAS Number:</b>        | 7400-06-8                                                     | <b>Expiry Date:</b>        | Dec 09, 2029                              |
| <b>Molecular Formula:</b> | C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 227.26                                                        | <b>Shipping Condition:</b> | Shipping at Room Temperature              |
| <b>Solubility:</b>        | Acetonitrile                                                  |                            |                                           |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 97.844%         |
| Loss On Drying | TGA               | 0.3791%         |
| Assay          |                   | 97.5%           |

## 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:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Dec 10, 2025

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