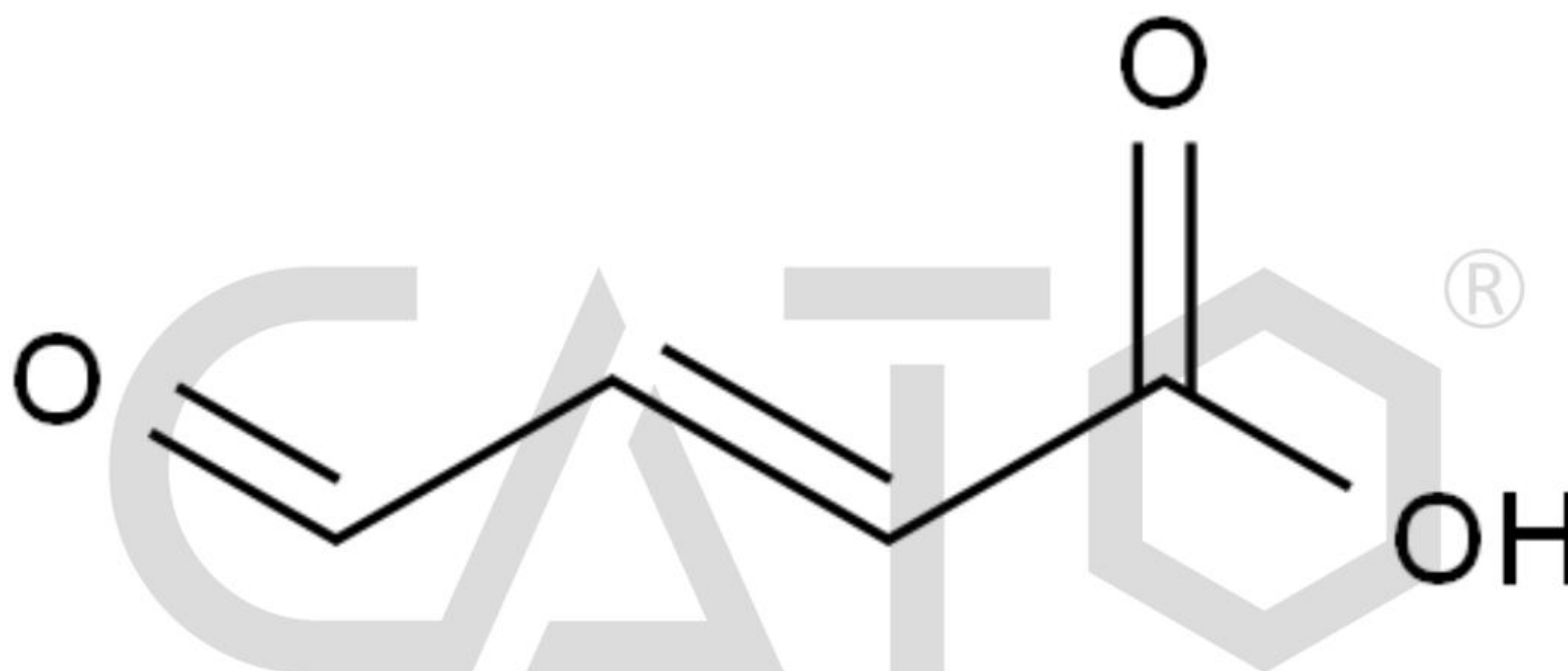


# Certificate of Analysis

## Reference Material & Standard

|                    |                                              |                     |                                           |
|--------------------|----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Minodronic Impurity 10                       | Catalogue Number:   | C4X-124110                                |
| Synonyms:          | N/A                                          | Lot Number:         | 1121-RG-0025                              |
| CAS Number:        | 4437-06-3                                    | Expiry Date:        | Nov 20, 2029                              |
| Molecular Formula: | C <sub>4</sub> H <sub>4</sub> O <sub>3</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 100.07                                       | Shipping Condition: | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items        | Method            | Results                                   |
|-------------------|-------------------|-------------------------------------------|
| Appearance        | Visual inspection | Yellow Solid                              |
| Identification    | LCMS&HNMR         | Confirmed                                 |
| Purity            | HPLC              | 97.6592%                                  |
| Water Content     | Karl Fischer      | 2.125%                                    |
| Residual Solvents | NMR               | 0.58% ethyl acetate and 0.98% acetic acid |
| Assay             |                   | 94.1%                                     |

## Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) \* Purity HPLC (%) /100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 01, 2025

Date: Dec 01, 2025

Date: Dec 01, 2025



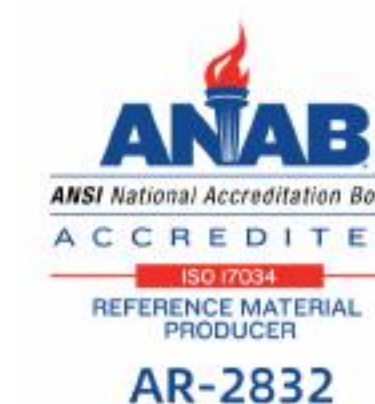
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