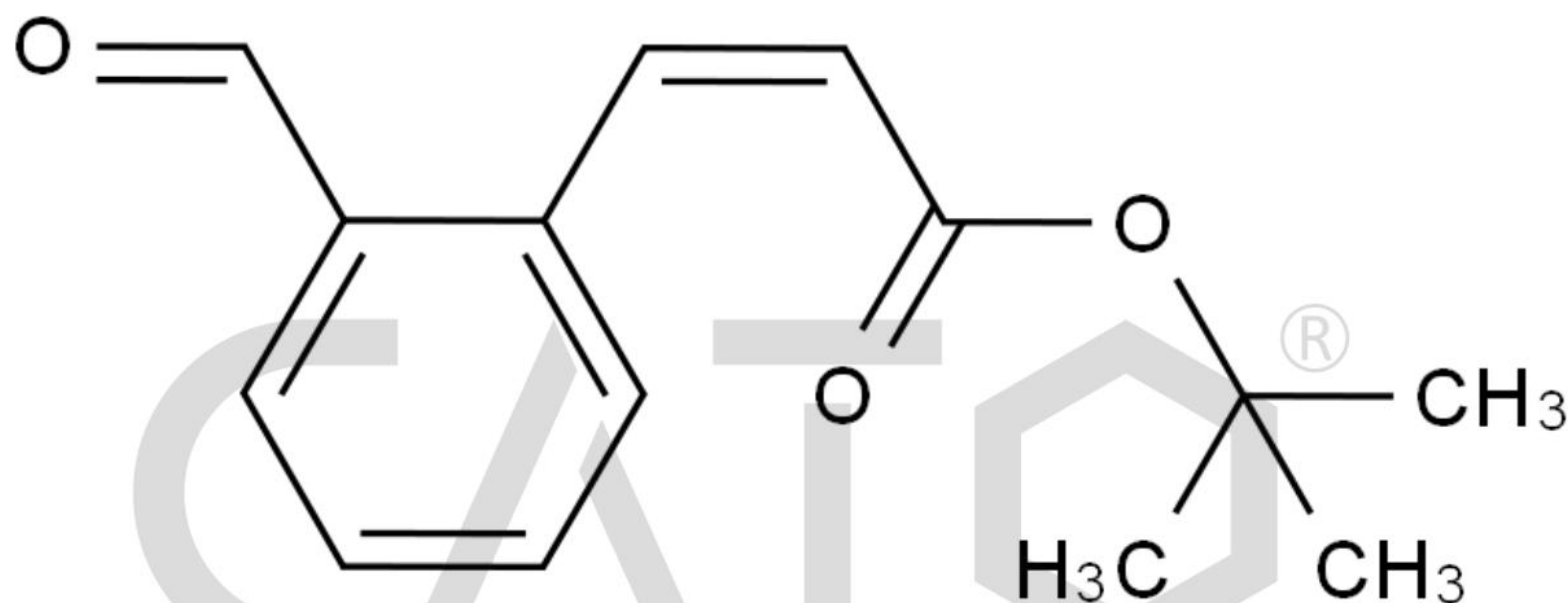


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                |                   |                         |
|--------------------|------------------------------------------------|-------------------|-------------------------|
| Product Name:      | Lacidipine Impurity 5                          | Catalogue Number: | C4X-16715               |
| Synonyms:          | N/A                                            | Lot Number:       | 0507-RC-0021            |
| CAS Number:        | N/A                                            | Expiry Date:      | Apr 25, 2024            |
| Molecular Formula: | C <sub>14</sub> H <sub>16</sub> O <sub>3</sub> | Storage:          | -20±2°C Dark and Sealed |
| Molecular Weight:  | 232.28                                         |                   |                         |

Chemical Structure:



| Test Items        | Method            | Results            |
|-------------------|-------------------|--------------------|
| Appearance        | Visual inspection | Yellow Oil         |
| Identification    | LCMS&IR&HNMR      | Confirmed          |
| Purity            | HPLC              | 86.0%              |
| Residual Solvents | NMR               | 0.4% ethyl acetate |
| Assay             | qNMR              | 78.8%              |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Debia*

Reviewed by:

*Debia*

Approved by General Manager:

*David*

Date: May 07, 2021

Date: May 08, 2021

Date: May 08, 2021



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