

# Certificate of Analysis

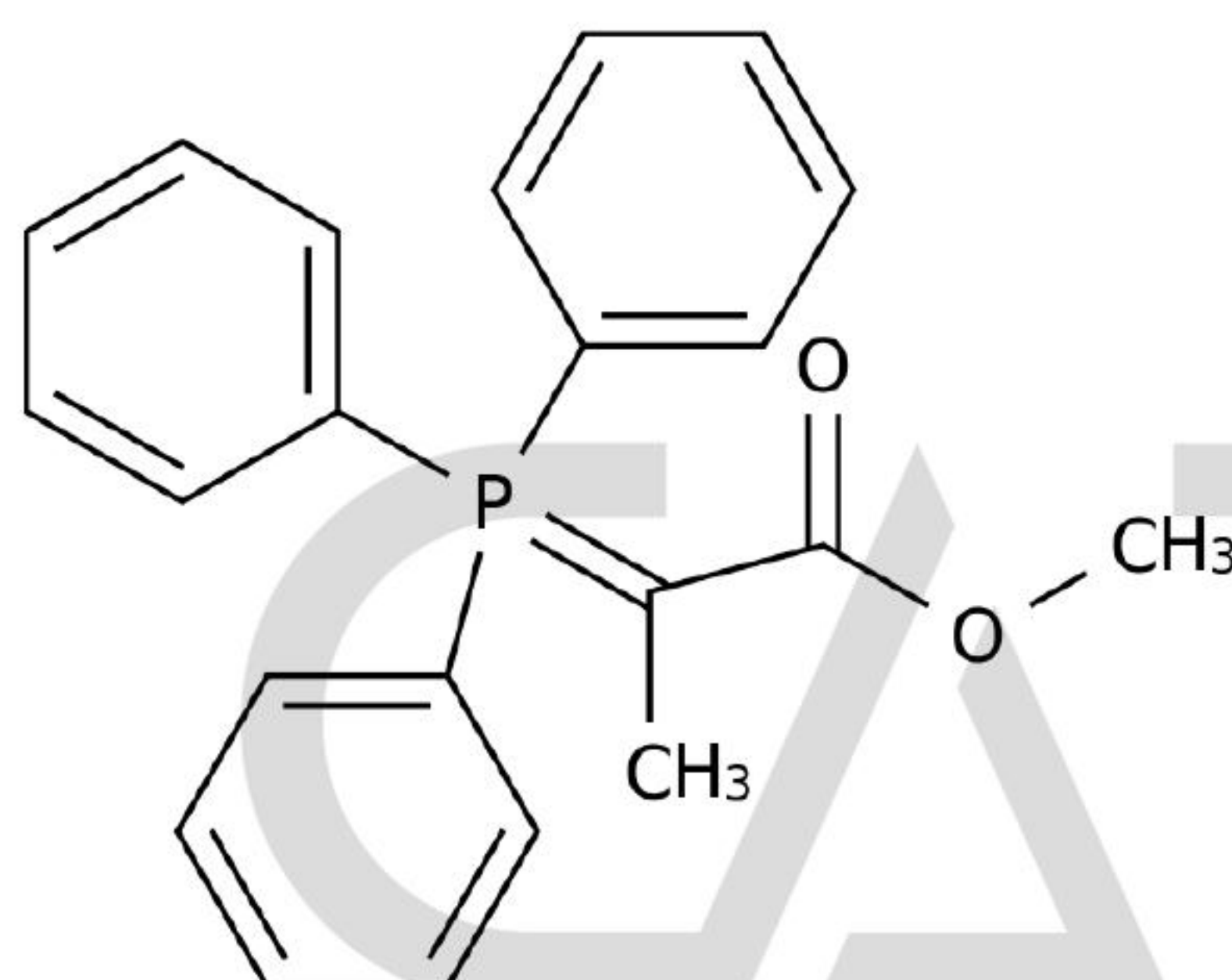
## Reference Material & Standard

|                    |                                                  |                     |                                           |
|--------------------|--------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | LCZ-696 Impurity 78                              | Catalogue Number:   | C4X-169678                                |
| Synonyms:          | N/A                                              | Lot Number:         | 1015-RH-0032                              |
| CAS Number:        | 2605-68-7                                        | Expiry Date:        | Oct 20, 2030                              |
| Molecular Formula: | C <sub>22</sub> H <sub>21</sub> O <sub>2</sub> P | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 348.37                                           | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&IR&UV&HNMR   | Confirmed       |
| Purity         | HPLC              | 96.39%          |
| Loss on Drying | TGA               | 0.3239%         |
| Assay          | Mass Balance      | 96.1%           |

## 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:

*Lisa*

Approved by General Manager:

*David*

Date: Oct 21, 2026

Date: Oct 22, 2026

Date: Oct 22, 2026



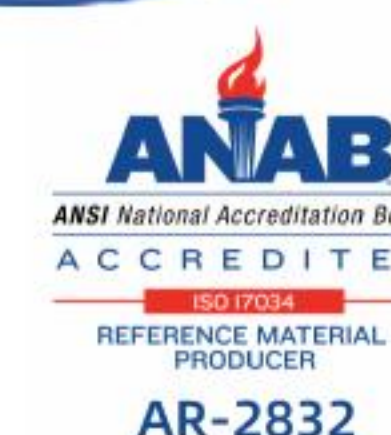
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Page 1 of 8



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