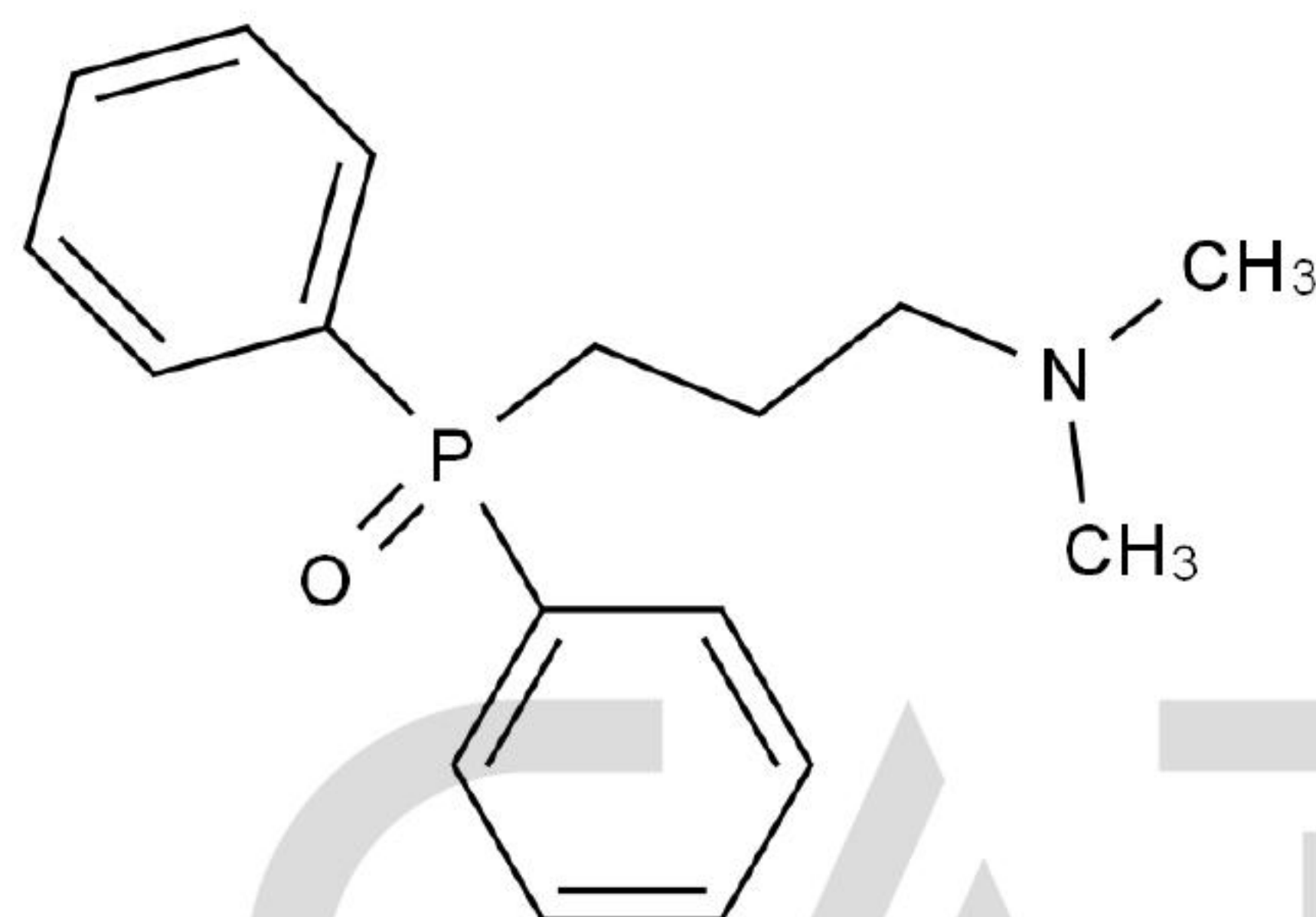


# Certificate of Analysis

## Reference Material

|                    |                                     |                   |                                           |
|--------------------|-------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Olopatadine Impurity 20             | Catalogue Number: | C4X-171820                                |
| Chemical Name:     | N/A                                 | Lot Number:       | 0428-RE-0015                              |
| CAS Number:        | 962-95-8                            | Expiry Date:      | May 05, 2026                              |
| Molecular Formula: | C <sub>17</sub> H <sub>22</sub> NOP | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 287.34                              |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | White Powder |
| Identification | LCMS&HNMR         | Confirmed    |
| Purity         | HPLC              | 98.7%        |
| Assay          | qNMR              | 97.9%        |

## Comment:

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

Signature:

Prepared by:

*Hin lam*

Reviewed by:

*Nacy*

Aporoved by General manager:

*David*

Date: May 06, 2023

Date: May 09, 2023

Date: May 09, 2023

