

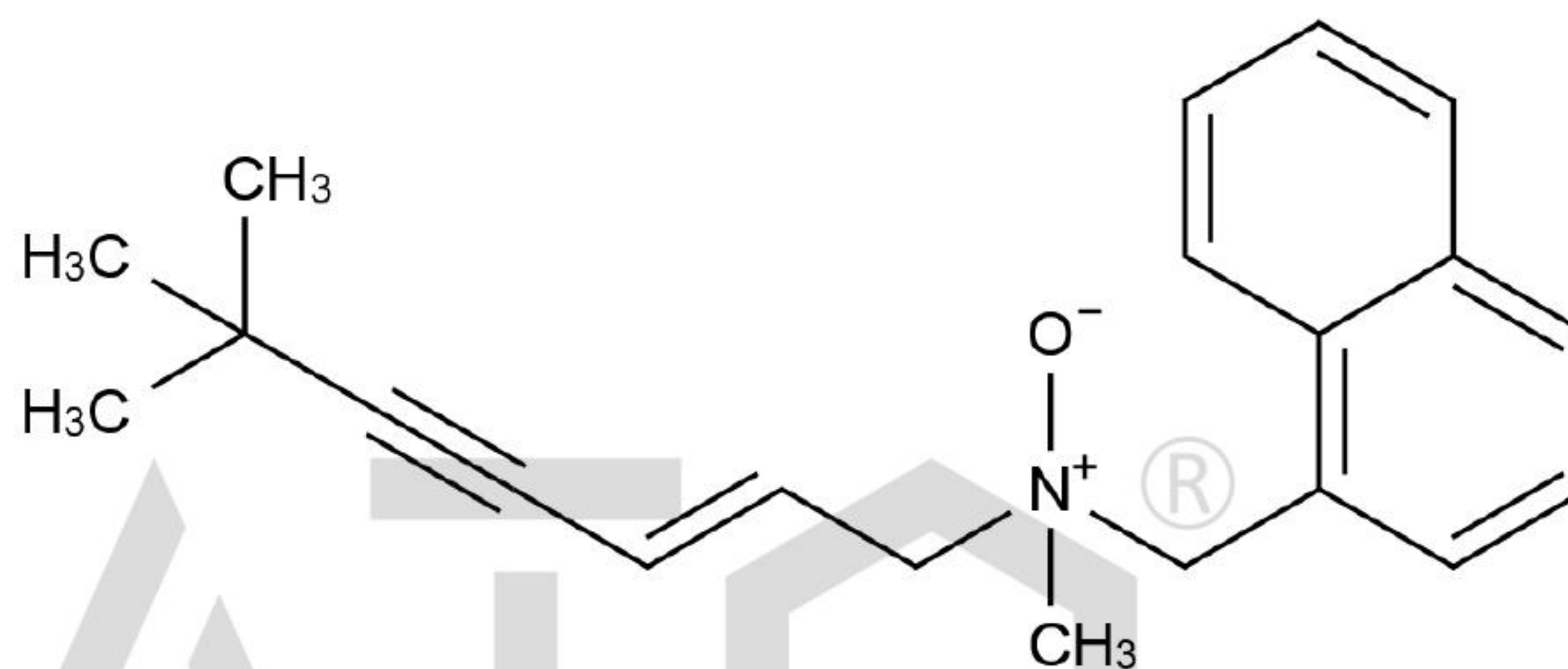
# Certificate of Analysis

## Reference Material & Standard

|                    |                                        |                   |                                           |
|--------------------|----------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Terbinafine N-oxide HCl                | Catalogue Number: | C4X-133819                                |
| Synonyms:          | N/A                                    | Lot Number:       | 1125-RF-0019                              |
| CAS Number:        | N/A                                    | Expiry Date:      | Dec 01, 2027                              |
| Molecular Formula: | C <sub>21</sub> H <sub>25</sub> NO HCl | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 307.43 36.46                           |                   |                                           |

Chemical Structure:

HCl



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 99.897%         |
| Loss On Drying | TGA               | 0.1854%         |
| Assay          |                   | 99.7%           |

## Comment:

The calculation of the 100% 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:

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Approved by General Manager:

*David*

Date: Dec 02, 2024

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