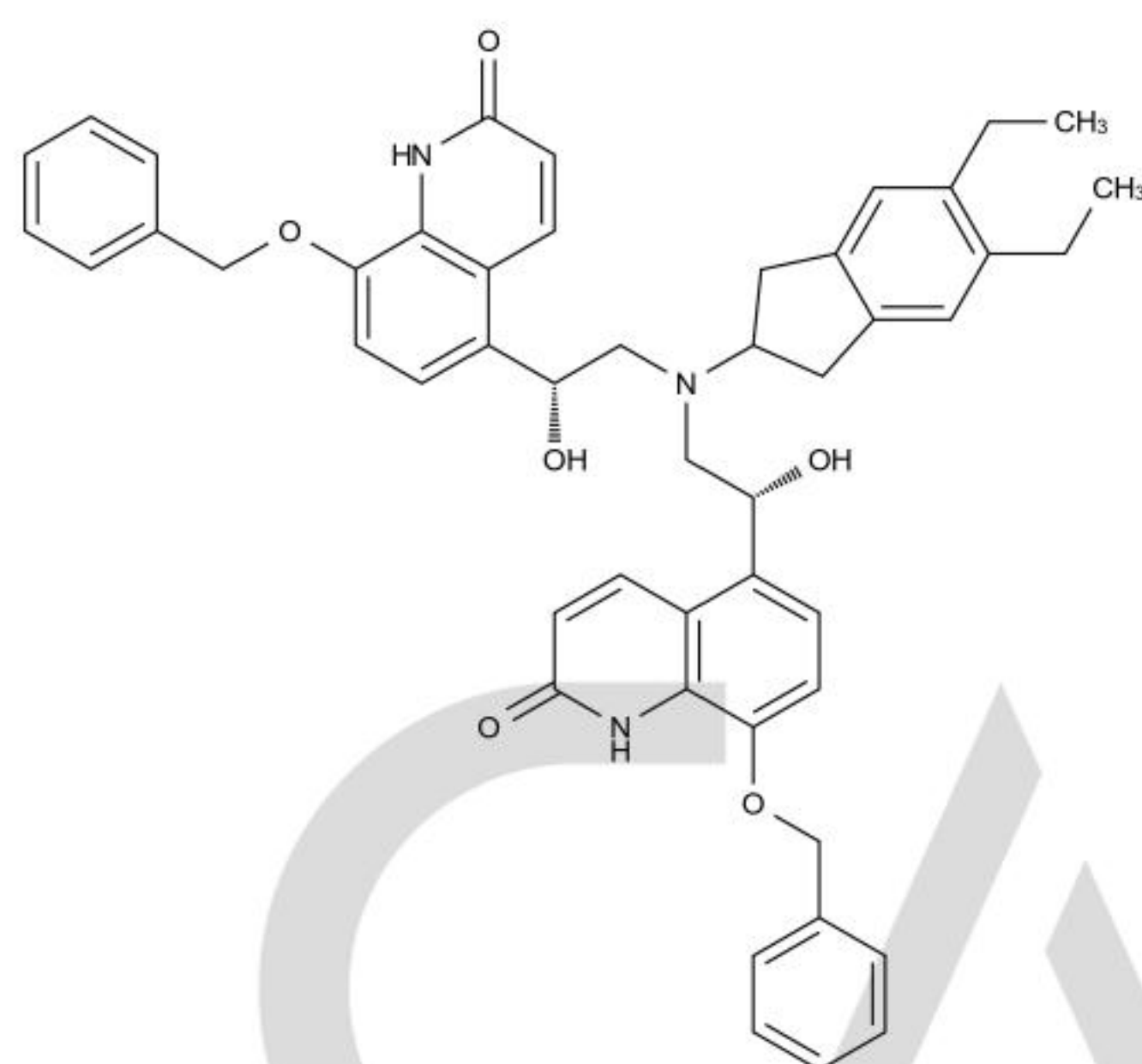


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                               |                          |                                           |
|---------------------------|---------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | (R,R)-Indacaterol Impurity 25                                 | <b>Catalogue Number:</b> | C4X-150067                                |
| <b>Synonyms:</b>          | N/A                                                           | <b>Lot Number:</b>       | 0829-RF-0004                              |
| <b>CAS Number:</b>        | 753498-27-0                                                   | <b>Expiry Date:</b>      | Aug 20, 2027                              |
| <b>Molecular Formula:</b> | C <sub>49</sub> H <sub>49</sub> N <sub>3</sub> O <sub>6</sub> | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 775.93                                                        |                          |                                           |

### Chemical Structure:



| Test Items        | Method            | Results             |
|-------------------|-------------------|---------------------|
| Appearance        | Visual inspection | White Solid         |
| Identification    | LCMS&HNMR         | Confirmed           |
| Purity            | HPLC              | 96.536%             |
| Water Content     | Karl Fischer      | 0.73%               |
| Residual Solvents | NMR               | Not detected in NMR |
| Assay             |                   | 95.8%               |

### Comment:

The calculation of the 100% 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:

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Approved by General Manager:

*David*

Date: Sep 06, 2024

Date: Sep 09, 2024

Date: Sep 09, 2024

