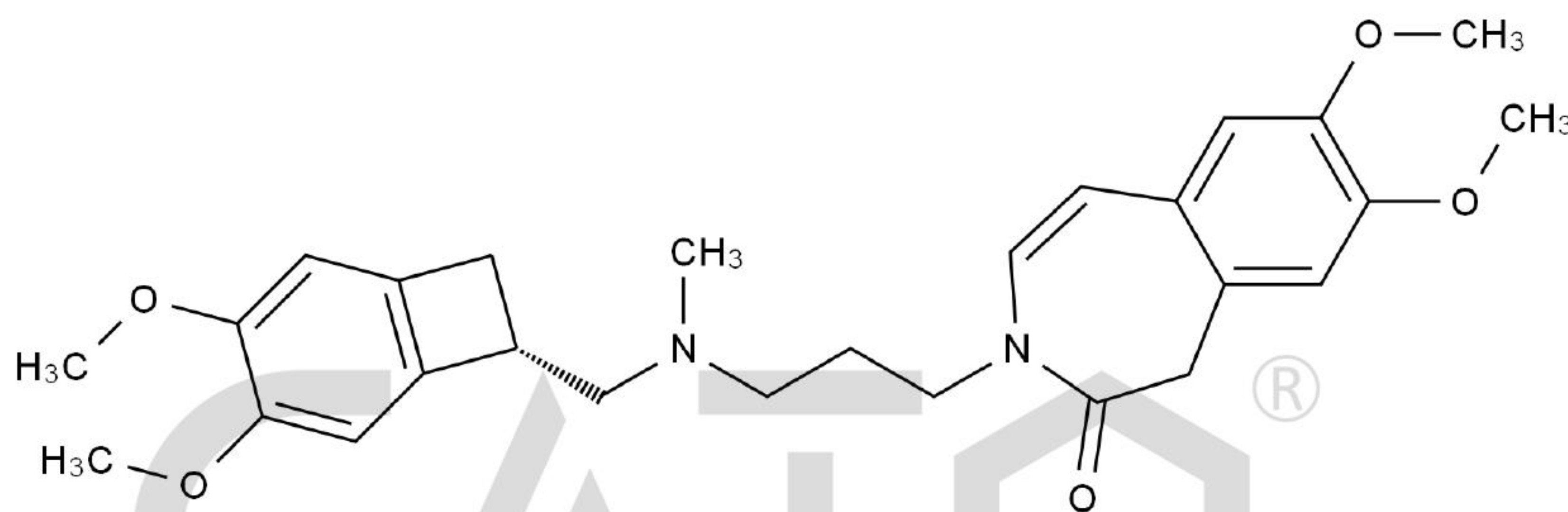


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Dehydro Ivabradine                                            | Catalogue Number: | C4X-111940                                |
| Synonyms:          | N/A                                                           | Lot Number:       | 0301-RF-0071                              |
| CAS Number:        | 1086026-31-4                                                  | Expiry Date:      | Jan 23, 2028                              |
| Molecular Formula: | C <sub>27</sub> H <sub>34</sub> N <sub>2</sub> O <sub>5</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 466.57                                                        |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Pale Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 99.907%           |
| Loss On Drying | TGA               | 0.9981%           |
| Assay          |                   | 98.9%             |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jan 24, 2025

Date: Jan 24, 2025

Date: Jan 24, 2025

