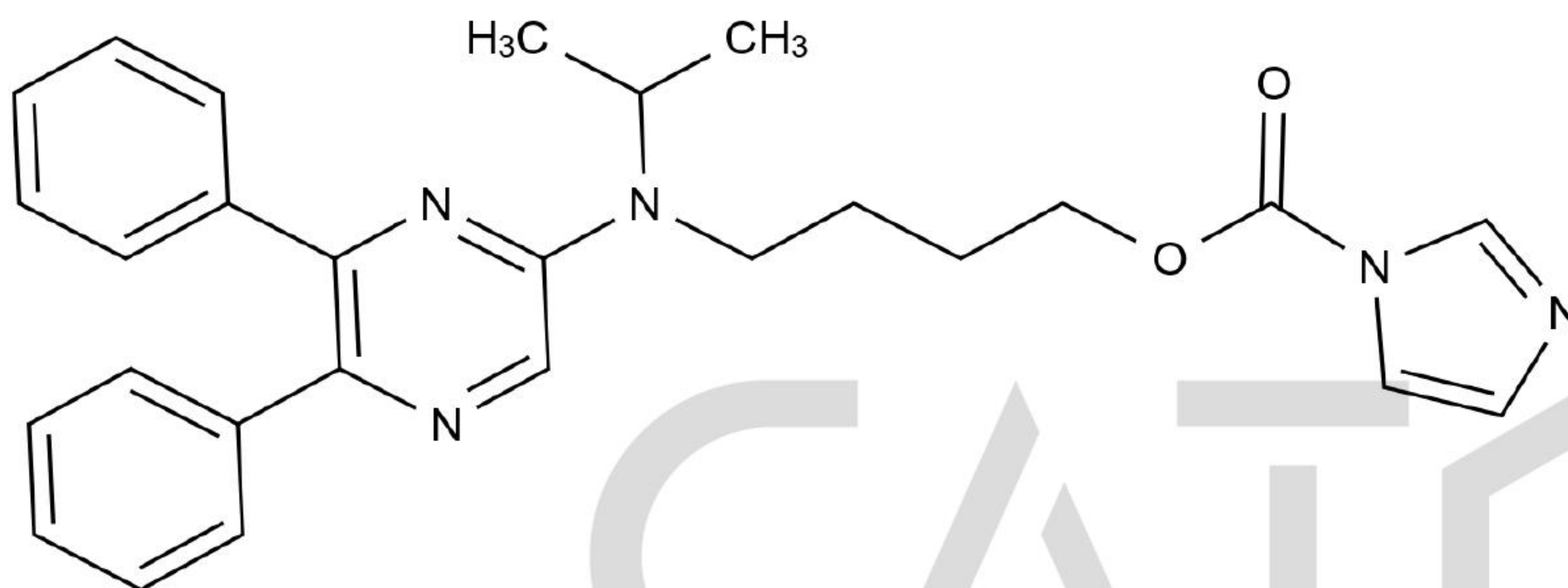


# Certificate of Analysis

## Reference Material & Standard

|                     |                                                               |                   |                                           |
|---------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:       | Selexipag Impurity 31                                         | Catalogue Number: | C4X-196131                                |
| Synonyms:           | N/A                                                           | Lot Number:       | 1008-RE-0010                              |
| CAS Number:         | N/A                                                           | Expiry Date:      | Oct 10, 2026                              |
| Molecular Formula:  | C <sub>27</sub> H <sub>29</sub> N <sub>5</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:   | 455.55                                                        |                   |                                           |
| Chemical Structure: |                                                               |                   |                                           |



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.775%     |
| Loss On Drying | TGA               | 0.3998%     |
| Assay          |                   | 96.4%       |

## 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:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Aproved by General Manager:

*David*

Date: Oct 11, 2023

Date: Oct 11, 2023

Date: Oct 11, 2023

