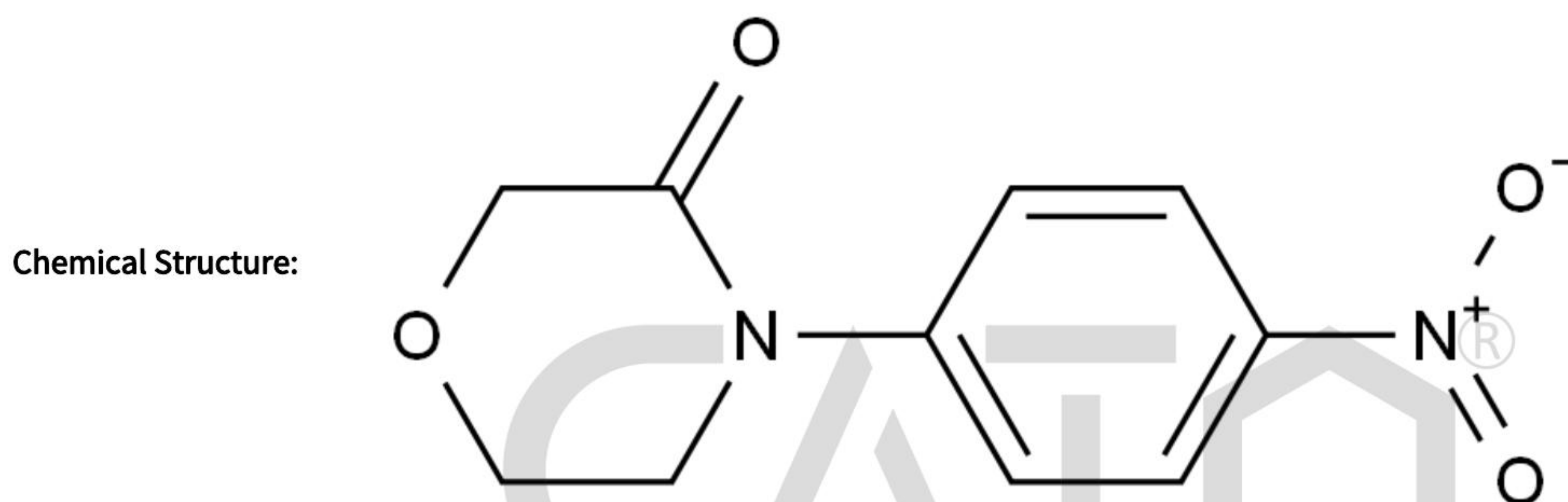


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Rivaroxaban Impurity 37                                       | Catalogue Number: | C4X-109037                                |
| Synonyms:          | N/A                                                           | Lot Number:       | 1231-RF-0022                              |
| CAS Number:        | 446292-04-2                                                   | Expiry Date:      | Dec 30, 2027                              |
| Molecular Formula: | C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 222.20                                                        |                   |                                           |



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed    |
| Purity         | HPLC              | 99.025%      |
| Loss On Drying | TGA               | 0.0369%      |
| Assay          |                   | 99.0%        |

## 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:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Dec 31, 2024

Date: Dec 31, 2024

Date: Dec 31, 2024

