

# Certificate of Analysis

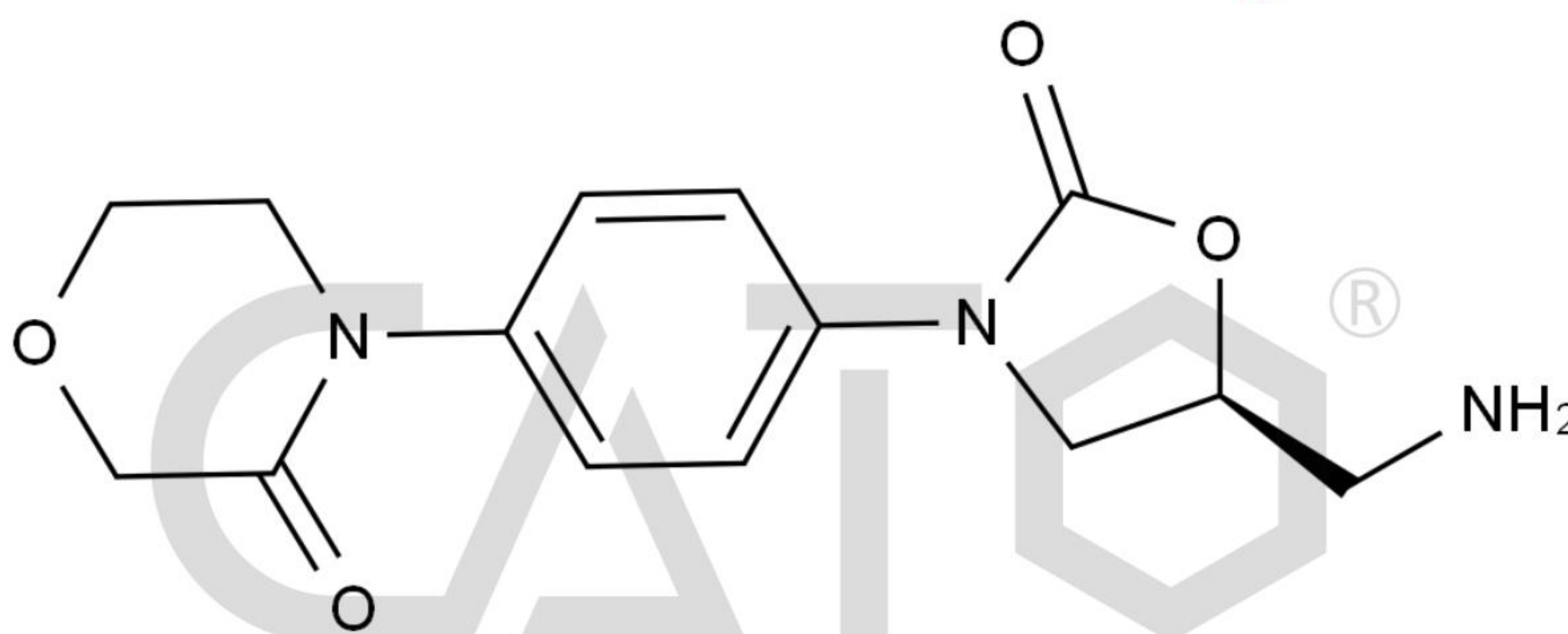
## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Rivaroxaban Impurity 4                                        | Catalogue Number:   | C4X-10904                                 |
| Synonyms:          | N/A                                                           | Lot Number:         | 1212-RA-0001                              |
| CAS Number:        | 446292-10-0                                                   | Expiry Date:        | Apr 16, 2030                              |
| Molecular Formula: | C <sub>14</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 291.30                                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&IR&UV&HNMR   | Confirmed                |
| Purity         | HPLC              | 99.7052%                 |
| Loss on Drying | TGA               | 0.1383%                  |
| Assay          |                   | 99.6%                    |

## Comment:

The calculation of the mass balance 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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Date: Apr 17, 2026

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Page 1 of 8



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