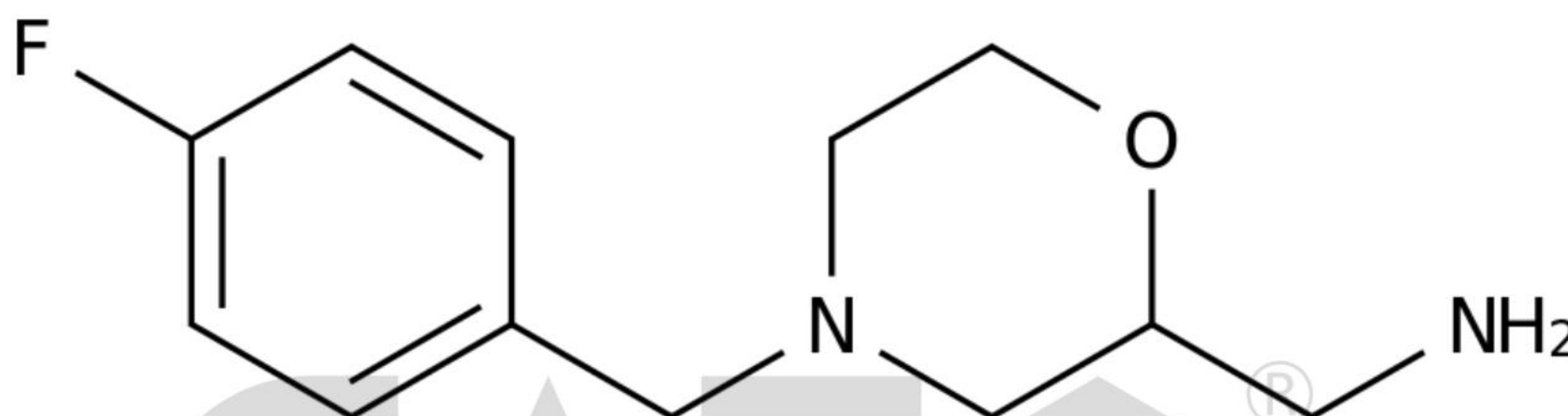


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                   |                   |                                           |
|--------------------|---------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Mosapride Impurity 27                             | Catalogue Number: | C4X-104427                                |
| Synonyms:          | N/A                                               | Lot Number:       | 0515-RG-0089                              |
| CAS Number:        | 112914-13-3                                       | Expiry Date:      | May 22, 2028                              |
| Molecular Formula: | C <sub>12</sub> H <sub>17</sub> FN <sub>2</sub> O | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 224.27                                            |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | GC                | 100.000%          |
| Loss On Drying | TGA               | 9.166%            |
| Assay          |                   | 90.8%             |

## Comment:

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

Assay (%) = (100% - Loss On Drying) \* Purity GC (%) / 100%

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

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: May 23, 2025

Date: May 23, 2025

Date: May 23, 2025

