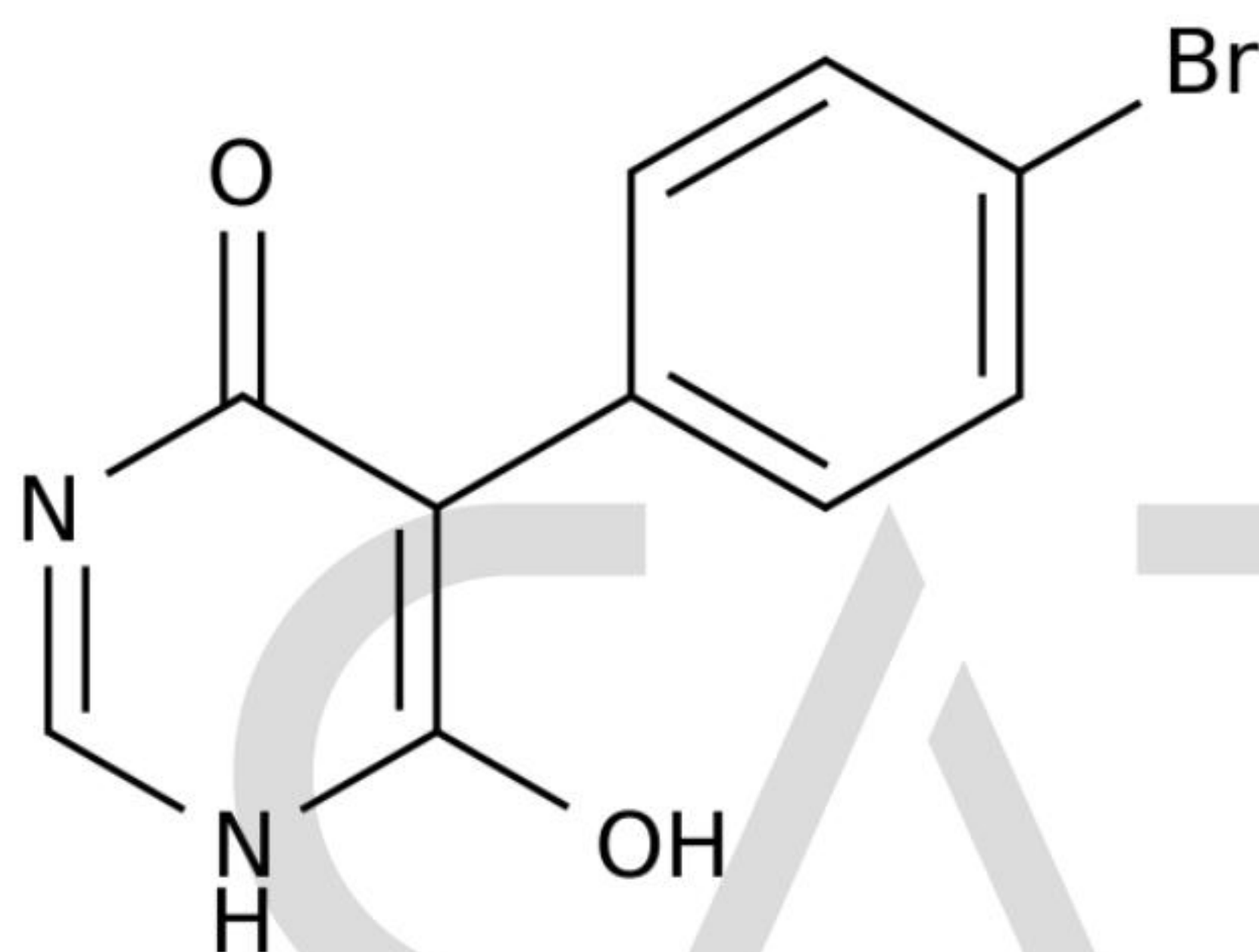


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                |                     |                                           |
|--------------------|----------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Macitentan Impurity 9                                          | Catalogue Number:   | C4X-11759                                 |
| Synonyms:          | N/A                                                            | Lot Number:         | 0105-RH-0072                              |
| CAS Number:        | 706811-25-8                                                    | Expiry Date:        | Jan 07, 2030                              |
| Molecular Formula: | C <sub>10</sub> H <sub>7</sub> BrN <sub>2</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 267.08                                                         | Shipping Condition: | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&IR&CNMR&HNMR | Confirmed          |
| Purity         | HPLC              | 99.335%            |
| Loss On Drying | TGA               | 1.3841%            |
| Assay          |                   | 98.0%              |

## 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:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jan 08, 2026

Date: Jan 08, 2026

Date: Jan 08, 2026



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