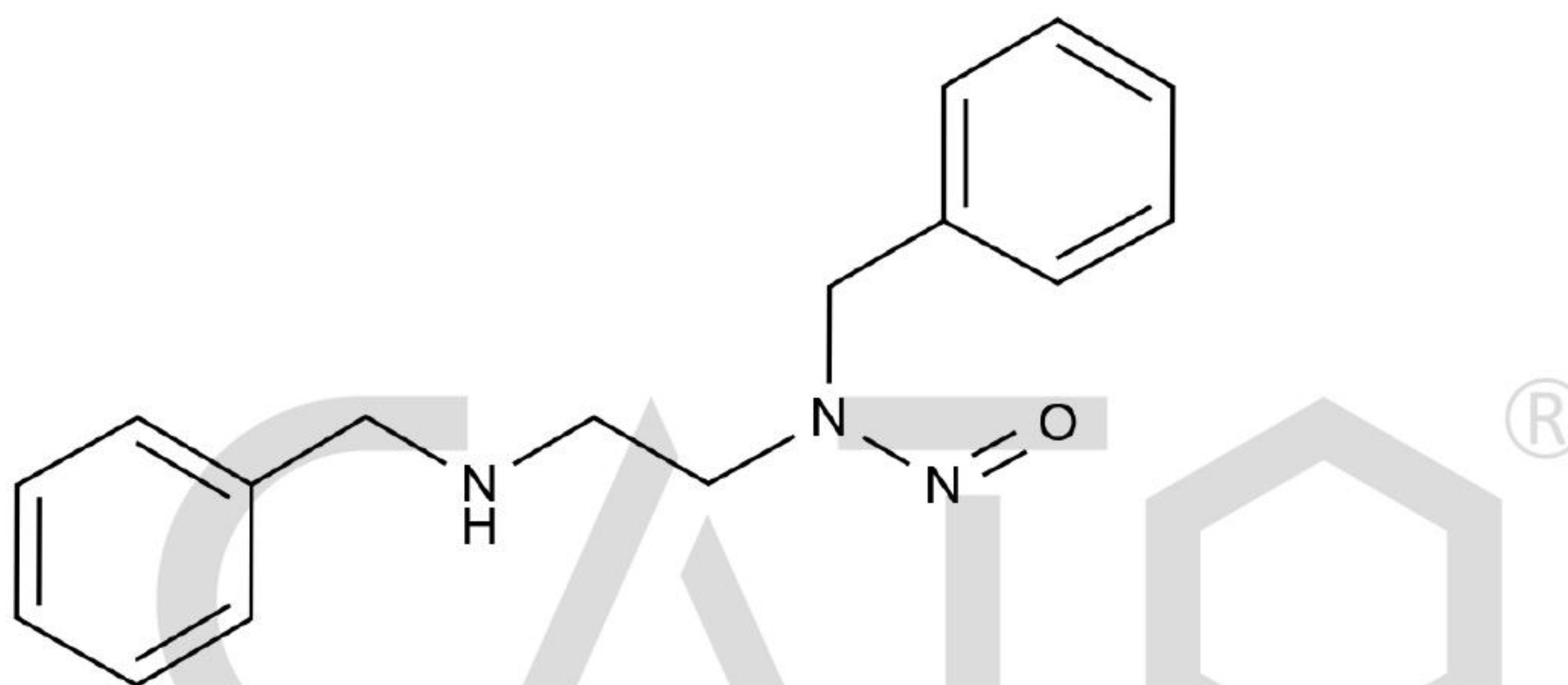


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Ampicillin Impurity 74                           | Catalogue Number: | C4X-144374                                |
| Synonyms:          | N/A                                              | Lot Number:       | 0813-RG-0014                              |
| CAS Number:        | N/A                                              | Expiry Date:      | Aug 11, 2027                              |
| Molecular Formula: | C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 269.34                                           |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results                   |
|----------------|-------------------|---------------------------|
| Appearance     | Visual inspection | Pale Yellow Sticky Liquid |
| Identification | LCMS&HNMR         | Confirmed                 |
| Purity         | HPLC              | 99.4%                     |
| Assay          | qNMR              | 96.8%                     |

Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Aug 14, 2025

Date: Aug 15, 2025

Date: Aug 15, 2025

