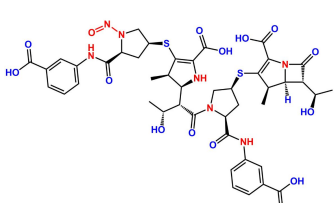


## CERTIFICATE OF ANALYSIS

Date: 27-03-2026

|                                       |                                                                                                                                                                                                                                                                                                                                    |                                          |     |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----|
| <b>Product Name</b>                   | <b>N-Nitroso Ertapenem Impurity 6</b>                                                                                                                                                                                                                                                                                              |                                          |     |
| <b>Chemical Name</b>                  | (4R,5S,6S)-3-(((3S,5S)-1-((2S,3R)-2-((2S,3R)-5-carboxy-4-(((3S,5S)-5-((3-carboxyphenyl)carbamoyl)-1-nitrosopyrrolidin-3-yl)thio)-3-methyl-2,3-dihydro-1H-pyrrol-2-yl)-3-hydroxybutanoyl)-5-((3-carboxyphenyl)carbamoyl)pyrrolidin-3-yl)thio)-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid |                                          |     |
| <b>Structure</b>                      |                                                                                                                                                                                                                                                  |                                          |     |
| <b>Batch. No.</b>                     | -                                                                                                                                                                                                                                                                                                                                  | <b>CAS No.</b>                           | NA  |
| <b>Analysis Date</b>                  | 10                                                                                                                                                                                                                                                                                                                                 | <b>Retest Date</b>                       | 5   |
| <b>Mol. Formula</b>                   | C <sub>44</sub> H <sub>49</sub> N <sub>7</sub> O <sub>15</sub> S <sub>2</sub>                                                                                                                                                                                                                                                      | <b>Molecular Wt.</b>                     | 980 |
| <b>Long term Storage Condition</b>    |                                                                                                                                                                                                                                                                                                                                    | Store at 2-8 °C in well closed container |     |
| <b>Handling and Transit Condition</b> |                                                                                                                                                                                                                                                                                                                                    | 25-30 °C in well closed container        |     |

| Test                                                                                                                                                                                                                            | Result                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Appearance                                                                                                                                                                                                                      | -                     |
| Solubility                                                                                                                                                                                                                      | -                     |
| <sup>1</sup> H-NMR                                                                                                                                                                                                              | Conforms to structure |
| MASS                                                                                                                                                                                                                            | Conforms to structure |
| Chromatographic Purity                                                                                                                                                                                                          | >90%                  |
| <b>Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.</b> |                       |

|           | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature |             |            |             |
| Date      |             |            |             |

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