



## **CERTIFICATE OF ANALYSIS**

Date: 01-05-2025

| Product Name                   | N-Nitroso Levomefolate Impurity 4   |               |        |  |
|--------------------------------|---|---------------|--------|--|
| Chemical Name                  | (S)-2-(4-((((R)-2-amino-5-methyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(nitroso)amino)benzamido)pentanedioic acid |               |        |  |
| Structure                      |   | у<br>н        |        |  |
| Batch No.                      | -   | CAS No.       | NA     |  |
| Analysis Date                  | 4   | Retest Date   | 5      |  |
| Mol. Formula                   | $C_{20}H_{24}N_8O_7$  | Molecular Wt. | 488.45 |  |
| Long term Storage Co           | ondition  |               | -      |  |
| Handling and Transit Condition |   |               | -      |  |

| Test  | Result                |  |  |  |
|---|-----------------------|--|--|--|
| Appearance  | -                     |  |  |  |
| Solubility  | -                     |  |  |  |
| 1H-NMR  | Conforms to structure |  |  |  |
| MASS  | Conforms to structure |  |  |  |
| Chromatographic purity  | >90%                  |  |  |  |
| 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.

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

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