

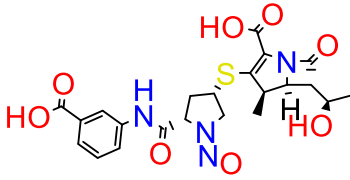


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.
Mob.No - 9404317505 / 7276018915 . Website : <http://www.synchemia.com>
info@synchemia.com | sales@synchemia.com | export@synchemia.com

CERTIFICATE OF ANALYSIS

| | | |
|--|--|---|
| Product Name: N-Nitroso Ertapenem | | SRC CAT NO: SRC-N014243 |
| CAS NO: NA | | |
| Batch No: SRC-156-KM-066 | | |
| Date of Analysis: 15 May 2024 | | |
| Retest Date: 15 May 2026 | | |
| Structure: | | |
|  | | |
| Chemical Name | (4R,5S,6S)-3-(((3S,5S)-5-((3-Carboxyphenyl)carbamoyl)-1-nitrosopyrrolidin-3-yl)thio)-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid | |
| Molecular Formula | C ₂₂ H ₂₄ N ₄ O ₈ S | |
| Molecular Weight | 504.51g/mol | |
| Sr. No. | Test | Result |
| 1) | Description | NA |
| 2) | Solubility | Soluble In DMSO, Methanol |
| 3) | Identification | |
| | Mass | Confirm to structure |
| | ¹ H NMR | Confirm to structure |
| | IR | Confirm to structure |
| 4) | Purity by HPLC | 95.74% |
| Long Term Storage condition | | Store at 2 ^o to 8 ^o c |
| Shipping Condition | | Ambient |
| Note: This is only for Analytical testing purpose, not for Human or Animal Consumption. | | |
| Note: N-Nitroso Ertapenem is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures. | | |
| | Signature | Date |
| Checked By | | |
| Approved By | | |

