

## SYNCHEMIA RESEARCH CHEMICAL

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## **CERTIFICATE OF ANALYSIS**

| Produc                             | et Name: N-Nitroso Olopat | adine N-Desmethyl Impurity   |                           |  |
|------------------------------------|---------------------------|--|---------------------------|--|
| CAS N                              | IO: NA                    |  |                           |  |
| Batch 2                            | No: SRC-123-PT-364        |  |                           |  |
| Date of                            | f Analysis: 09 Mar 2023   |  |                           |  |
| Retest                             | Date: 09 Mar 2025         |  |                           |  |
| Struct                             | ture:                     |  |                           |  |
|                                    |                           | HO<br>N<br>O <sup>N</sup>  |                           |  |
| Chemical Name<br>Molecular Formula |                           | (E,Z)-2-(11-(3-(methyl(nitroso)amino)propylidene)-6,11-dihydrodibenzo[b, e]oxepin-2-yl)acetic acid |                           |  |
|                                    |                           | $C_{20}H_{20}N_2O_4$   |                           |  |
| Molecular Weight                   |                           | 352.4 g/mol  |                           |  |
| Sr. No. Test                       |                           | Result   |                           |  |
| 1)                                 | Description               | Sticky Oil   |                           |  |
| 2)                                 | Solubility                | Soluble in DMSO, Methanol  |                           |  |
| 2)<br>3)                           | Identification            |  |                           |  |
| 5)                                 | 1. Mass                   | Confirm to structure   |                           |  |
|                                    | 2. 1H NMR                 | Confirm to structure   |                           |  |
| 4) <b>Purity by HPLC</b>           |                           | 99.43%   |                           |  |
| Long Term Storage condition        |                           | Store at $2^0$ to $8^0$ c  |                           |  |
| Shipping Condition                 |                           | Ambient  |                           |  |
|                                    | -                         |  | an or Animal Consumption. |  |
|                                    | -                         | Signature  | Date                      |  |
| Checked By                         |                           |  |                           |  |
| Checke                             | ed By                     |  |                           |  |

