

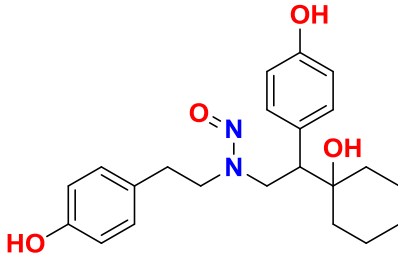


COMMITTED FOR CHEMISTRY

## 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

|   |  |                                |
|---|--|--------------------------------|
| <b>Product Name:</b> N-Nitroso Desvenlafaxine Impurity 1  |  |                                |
| <b>CAS NO:</b> NA   |  |                                |
| <b>Batch No:</b> SRC-114-PT-344-P   |  | <b>SRC CAT NO:</b> SRC-N014058 |
| <b>Date of Analysis:</b> 28 Feb 2023  |  |                                |
| <b>Retest Date:</b> 28 Feb 2025   |  |                                |
| <b>Structure :</b>  |  |                                |
|    |  |                                |
| <b>Chemical Name</b>  | N-(2-(1-hydroxycyclohexyl)-2-(4-hydroxyphenyl)ethyl)-N-(4-hydroxyphenethyl)nitrous amide |                                |
| <b>Molecular Formula</b>  | C <sub>22</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>                            |                                |
| <b>Molecular Weight</b>   | 384.48   |                                |
| <b>Sr. No.</b>  | <b>Test</b>  | <b>Result</b>                  |
| 1)  | <b>Description</b>   | NA                             |
| 2)  | <b>Solubility</b>  | Solubility in DMSO, Methanol   |
| 3)  | <b>Identification</b>  |                                |
|   | 1. Mass  | Confirm to structure           |
|   | 2. 1H NMR  | Confirm to structure           |
| 4)  | <b>Purity by HPLC</b>  | Above 95%                      |
| <b>Long Term Storage condition</b>  | Store at 2 <sup>0</sup> to 8 <sup>0</sup> c  |                                |
| <b>Shipping Condition</b>   | Ambient  |                                |
| <b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.  |  |                                |
| <b>Note:</b> N-Nitroso Desvenlafaxine Impurity 1 is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures |  |                                |
|   | Signature  | Date                           |
| Checked By  |  |                                |
| Approved By   |  |                                |

