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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: N-Nitroso Valsartan Impurity 5**

### Identification:

Chemical Name: Methyl N-((2'-cyano-[1,1'-biphenyl]-4-yl)methyl)-N-nitroso-L-valinate

Synonyms : N-Nitroso Valsartan Cyano  
Desvaleryl Methyl Ester

CAS Number : NA

CAT Number : CP-V3054

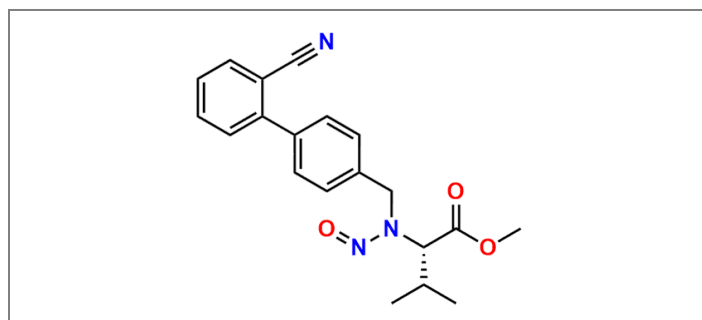
Molecular Formula : C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight : 351.41

Batch Number : CP-VAL-NIT5-0325

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test               | Result                   |
|---------|--------------------|--------------------------|
| 1)      | Description        | Pale Yellow Solid        |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to Structure     |
| 4)      | Purity by HPLC     | 98.46%                   |
| 5)      | <sup>1</sup> HNMR  | Confirm to Structure     |
| 6)      | IR                 | Confirm to Structure     |
| 7)      | Weight loss by TGA | 0.046%                   |
| 8)      | Potency by TGA     | 98.41%                   |



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.