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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2022

Re-test Date: Oct 2025

**Product Name: Valsartan EP Impurity A**

### Identification:

Chemical Name: (R-N-Valeryl-N-([2'-(1H-tetrazole-5-yl)biphen-4-yl]methyl)valine

Synonyms : Valsartan USP Related  
Compound A ; Valsartan R-  
Isomer ; (R)-Valsartan

CAS Number : 137862-87-4

CAT Number : CP-V3001

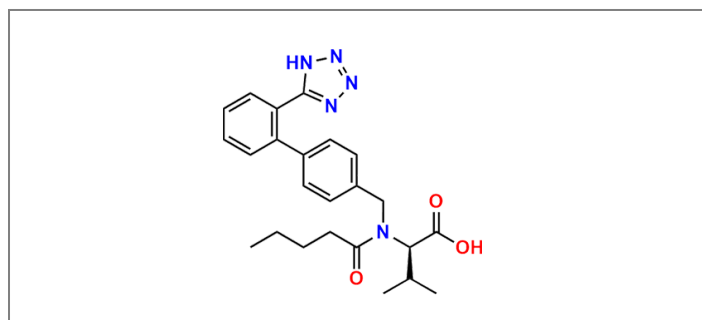
Molecular Formula : C<sub>24</sub>H<sub>29</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight : 435.52

Batch Number : CHEM-VAL-A

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 Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.74%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	3.092%
8)	Potency by TGA	94.64%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

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