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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

**Product Name: Valaciclovir EP Impurity D**

### Identification:

Chemical Name: 2-((2-amino-6-oxo-3,6-dihydro-9H-purin-9-yl)methoxy)ethyl ethyl-L-valinate

Synonyms : Valaciclovir USP Related  
Compound D ; N-Ethyl  
Valacyclovir

CAS Number : 1346747-69-0

CAT Number : CP-V4004

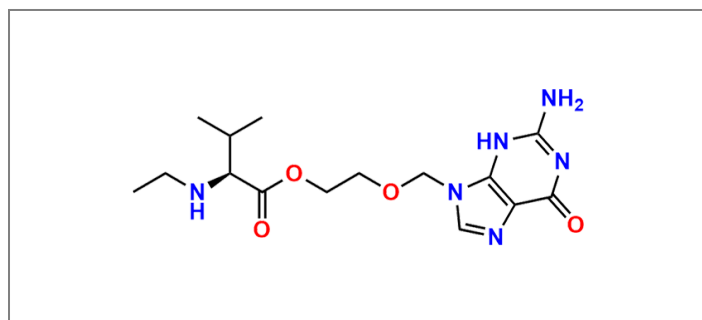
Molecular Formula : C<sub>15</sub>H<sub>24</sub>N<sub>6</sub>O<sub>4</sub>

Molecular Weight : 352.39

Batch Number : CP-VAL-D-0225

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	95.02 %
5)	H1NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



**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.