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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

**Product Name: N-Nitroso Valaciclovir EP Impurity D**

### Identification:

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

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

CAS Number : NA

CAT Number : CP-V4021

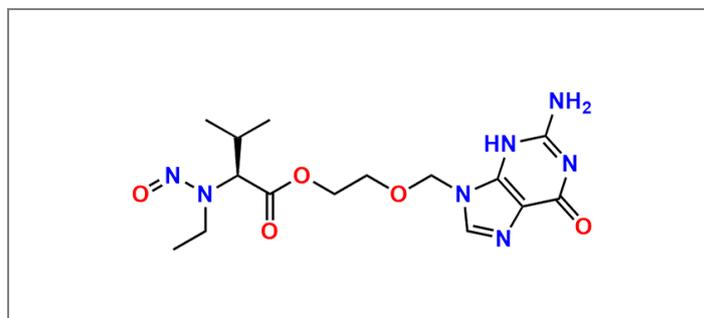
Molecular Formula : C<sub>15</sub>H<sub>23</sub>N<sub>7</sub>O<sub>5</sub>

Molecular Weight : 381.39

Batch Number : CP-35-226

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	61.31+35.26=96.51%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



### 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.