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## CERTIFICATE OF ANALYSIS

Analysis Date:

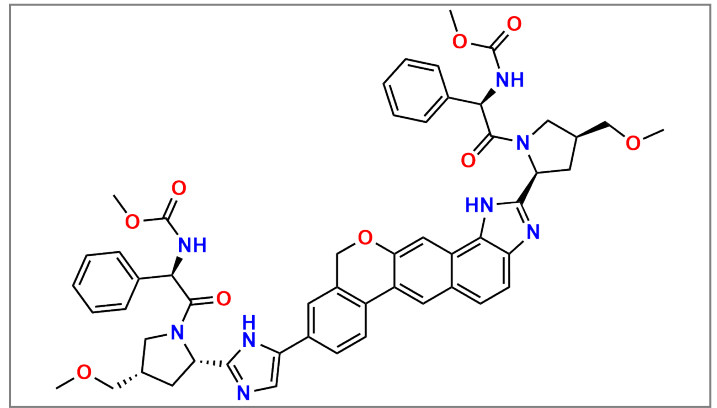
Re-test Date:

**Product Name: Velpatasvir Impurity 21**

### Identification:

Chemical Name: Methyl ((R)-2-((2S,4S)-2-(9-(2-((2S,4S)-1-((R)-2-((methoxycarbonyl)amino)-2-phenylacetyl)-4-(methoxymethyl)pyrrolidin-2-yl)-1H-imidazol-5-yl)-1,11-dihydroisochromeno[4',3':6,7]naphtho[1,2-d]imidazol-2-yl)-4-(methoxymethyl)pyrrolidin-1-yl)-2-oxo-1-phenylethyl)carbamate

Synonyms : NA  
CAS Number : 1493769-28-0  
CAT Number : CP-V30007  
Molecular Formula : C<sub>53</sub>H<sub>54</sub>N<sub>8</sub>O<sub>9</sub>  
Molecular Weight : 947.06



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

### Prepared and Reviewed By

### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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