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## CERTIFICATE OF ANALYSIS

Analysis Date:

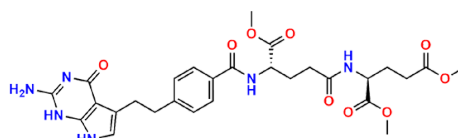
Re-test Date:

**Product Name: Pemetrexed Impurity 50**

### Identification:

Chemical Name: Dimethyl ((S)-4-(4-(2-(2-amino-4-oxo-4,7-dihydro-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzamido)-5-methoxy-5-oxopentanoyl)-L-glutamate

Synonyms : NA  
CAS Number : 1265908-62-0  
CAT Number : CP-P16045  
Molecular Formula : C<sub>28</sub>H<sub>34</sub>N<sub>6</sub>O<sub>9</sub>  
Molecular Weight : 598.6



### 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**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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