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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

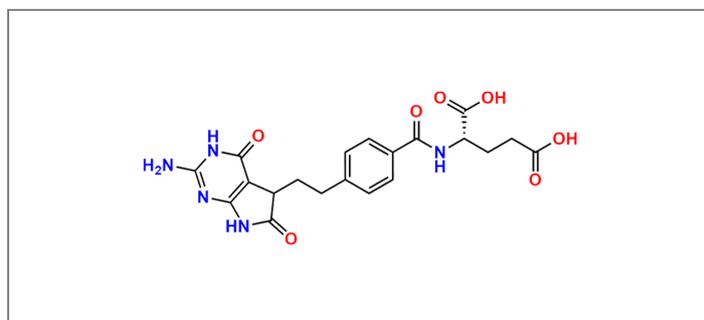
Re-test Date: Jul 2028

Product Name: Ketopemetrexed

Identification:

Chemical Name: (4-{2-[(RS)-2-Amino-4,6-dioxo-4,5,6,7-tetrahydro-3H-pyrrolo[2,3-d]pyrimidin-5-yl]ethyl}benzoyl)-l-glutamic acid

Synonyms : NA
CAS Number : 1644287-27-3
CAT Number : CP-P16112
Molecular Formula : C₂₀H₂₁N₅O₇
Molecular Weight : 443.42
Batch Number : CP-PEM-KETO-0825
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	Light Grey Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.26%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	5.429 %
7)	Potency by TGA	91.98%



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.