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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

Product Name: Methotrexate Impurity 15

Identification:

Chemical Name: (S)-2-(4-(((2,4-Diaminopteridin-6-yl)methyl)(methyl)amino)benzamido)-5-ethoxy-5-oxopentanoic acid

Synonyms : NA

CAS Number : 65148-64-3

CAT Number : CP-M12052

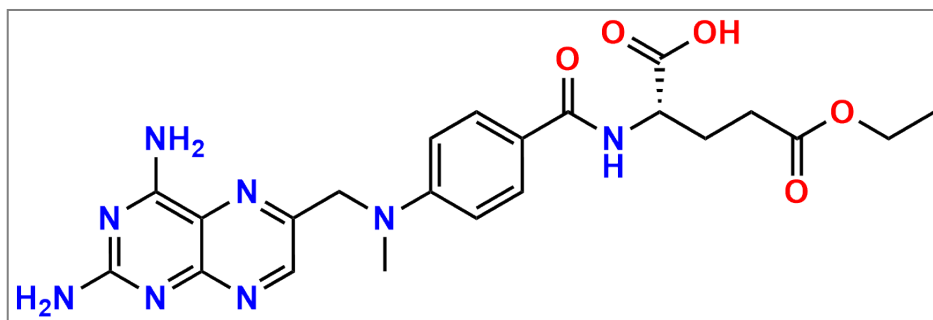
Molecular Formula : C₂₂H₂₆N₈O₅

Molecular Weight : 482.5

Batch Number : CP-23-340

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 | Solid |
| 2) | Solubility | Soluble in Methanol |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 96.74% |
| 5) | Weight loss by TGA | 0.117% |
| 6) | Potency by TGA | 96.63% |



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.