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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

Product Name: Methotrexate EP Impurity E

Identification:

Chemical Name: 4-[[[(2,4-Diaminopteridin-6-yl)methyl]methylamino]benzoic acid (as per EP & USP)

Synonyms : Methotrexate USP Related
Compound E ; (4-amino-N10-
methylpterotic acid, APA (EP))

CAS Number : 19741-14-1

CAT Number : CP-M12005

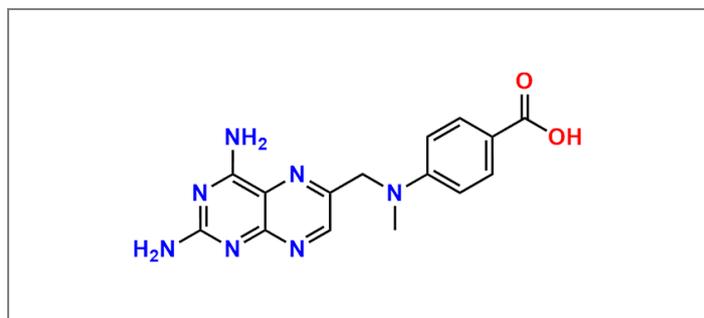
Molecular Formula : C₁₅H₁₅N₇O₂

Molecular Weight : 325.33

Batch Number : CP-23-304

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	97.35%
5)	¹ HNMR	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.