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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Methotrexate EP Impurity C**

### Identification:

Chemical Name: (2S)-2-[[4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]methylamino]benzoyl]amino]pentanedioic acid (as per EP)

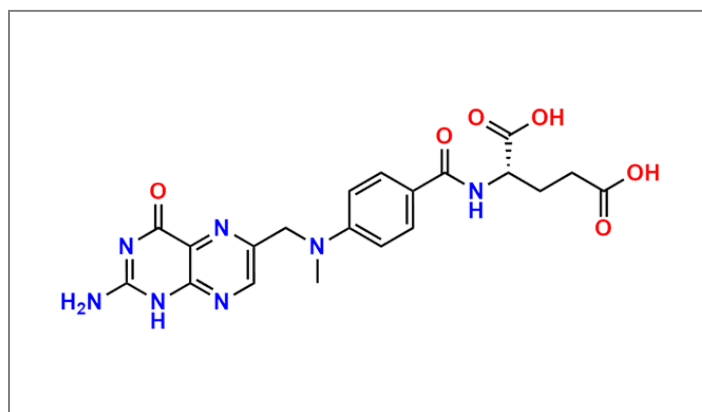
Synonyms : Methotrexate USP Related  
Compound C ; N-methylfolic  
acid, methopterin (EP)

CAS Number : 2410-93-7

CAT Number : CP-M12041

Molecular Formula : C<sub>20</sub>H<sub>21</sub>N<sub>7</sub>O<sub>6</sub>

Molecular Weight : 455.43



### 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.