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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Methotrexate Impurity 19**

### Identification:

Chemical Name: 5-Ethyl 1-methyl (4-(((2,4-diaminopteridin-6-yl)methyl)(methyl)amino)benzoyl)-L-glutamate

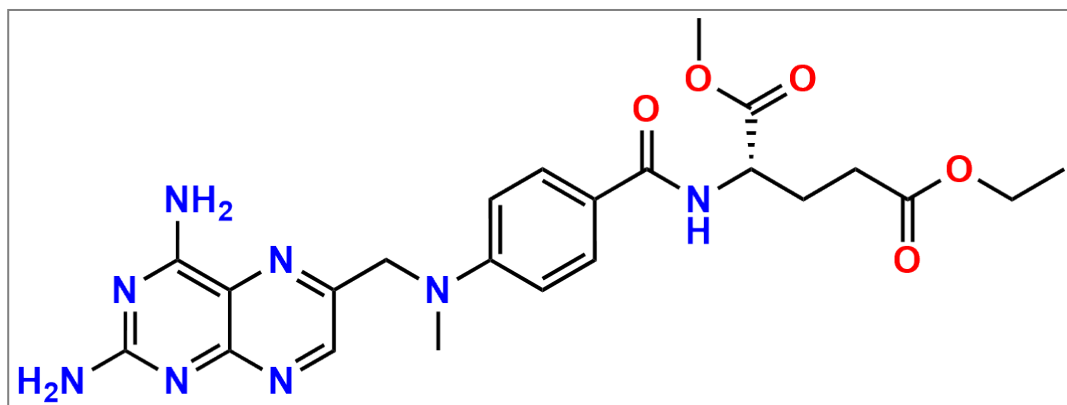
Synonyms : NA

CAS Number : NA

CAT Number : CP-M12037

Molecular Formula : C<sub>23</sub>H<sub>28</sub>N<sub>8</sub>O<sub>5</sub>

Molecular Weight : 496.53



### 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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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