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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Methotrexate Impurity 22**

### Identification:

Chemical Name: Diethyl (4-aminobenzoyl)-L-glutamate

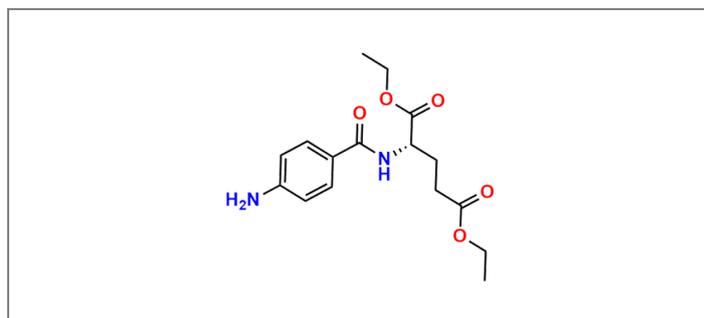
Synonyms : NA

CAS Number : 13726-52-8

CAT Number : CP-M12071

Molecular Formula : C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight : 322.4



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/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**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.