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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

**Product Name: Methotrexate Impurity 2**

### Identification:

Chemical Name: Diethyl (4-(methylamino)benzoyl)-D-glutamate

Synonyms : NA

CAS Number : 51865-66-8

CAT Number : CP-M12043

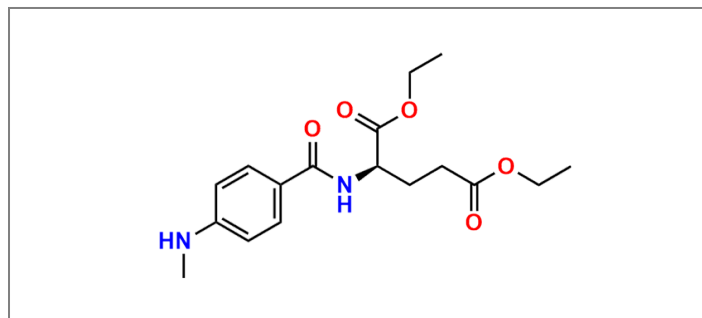
Molecular Formula : C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight : 336.39

Batch Number : CP-23-352

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	Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	97.36%
5)	<sup>1</sup> 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.