

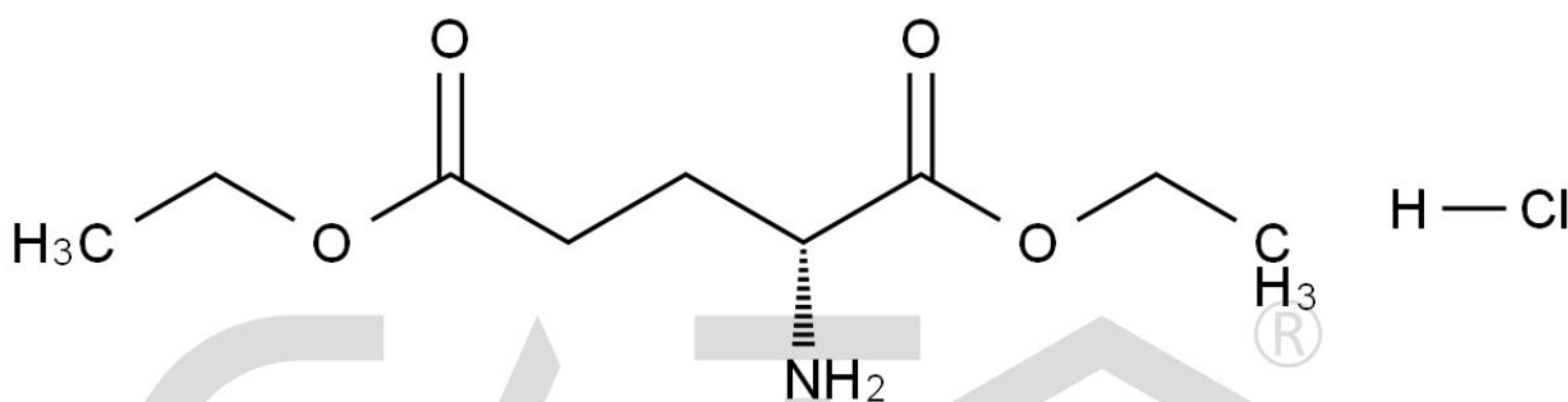
Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed Impurity 21	Catalogue Number:	C4X-172621
Synonyms:	Diethyl D-glutamate hydrochloride	Lot Number:	0617-RG-0001
CAS Number:	1001-19-0	Expiry Date:	Jun 16, 2028
Molecular Formula:	C ₉ H ₁₇ NO ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	203.24 36.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	95.2%
Assay	qNMR	92.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 17, 2025

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