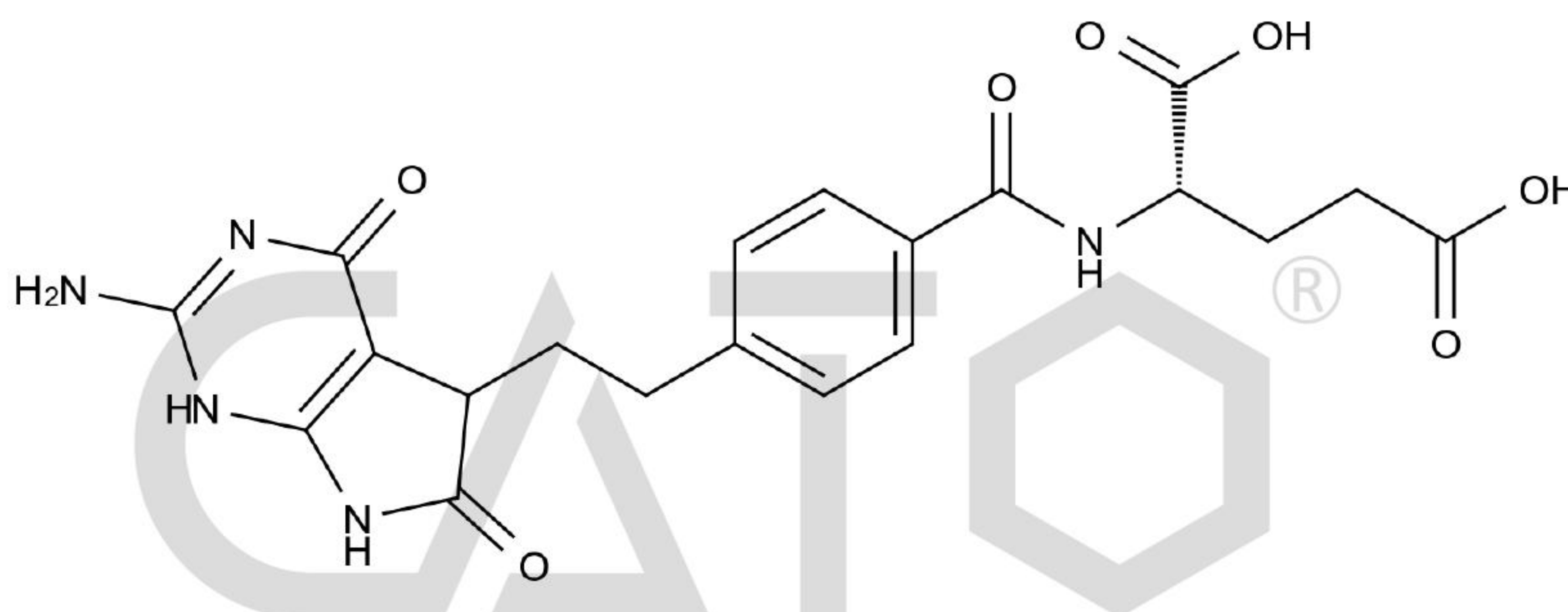


Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed Impurity 15 (Mixture of Diastereomers)	Catalogue Number:	C4X-172615
Synonyms:	N/A	Lot Number:	0824-RH-0041
CAS Number:	193281-00-4	Expiry Date:	Aug 23, 2030
Molecular Formula:	C ₂₀ H ₂₁ N ₅ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	443.41	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.878%
Loss on Drying	TGA	4.9039%
Assay		95.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 24, 2026

Date: Aug 24, 2026

Date: Aug 24, 2026



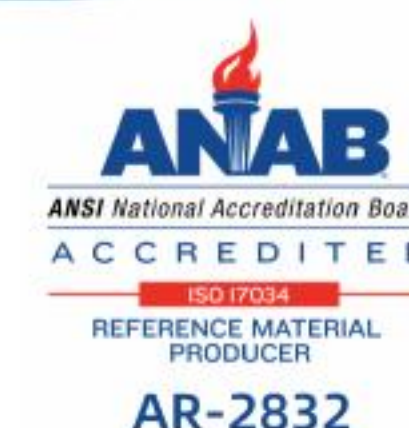
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Page 1 of 8



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