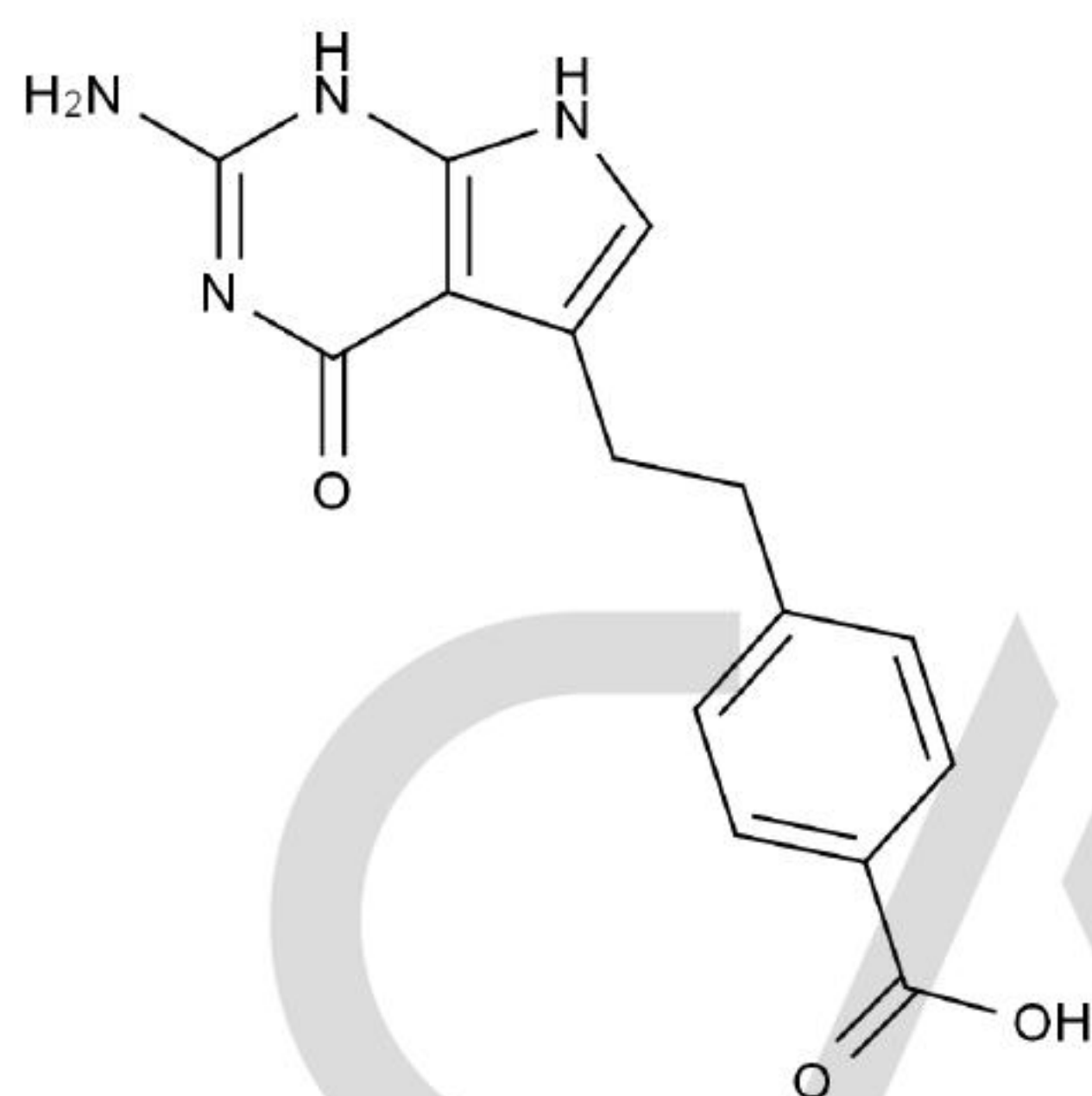


Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed Impurity 7	Catalogue Number:	C4X-17267
Synonyms:	N/A	Lot Number:	1113-RE-0003
CAS Number:	137281-39-1	Expiry Date:	Nov 12, 2026
Molecular Formula:	C ₁₅ H ₁₄ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.30	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.444%
Loss On Drying	TGA	4.8005%
Assay		94.7%

Comment:

The calculation of the 100% 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:

Hinlam

Approved by General Manager:

David

Date: Nov 29, 2024

Date: Nov 29, 2024

Date: Nov 29, 2024

