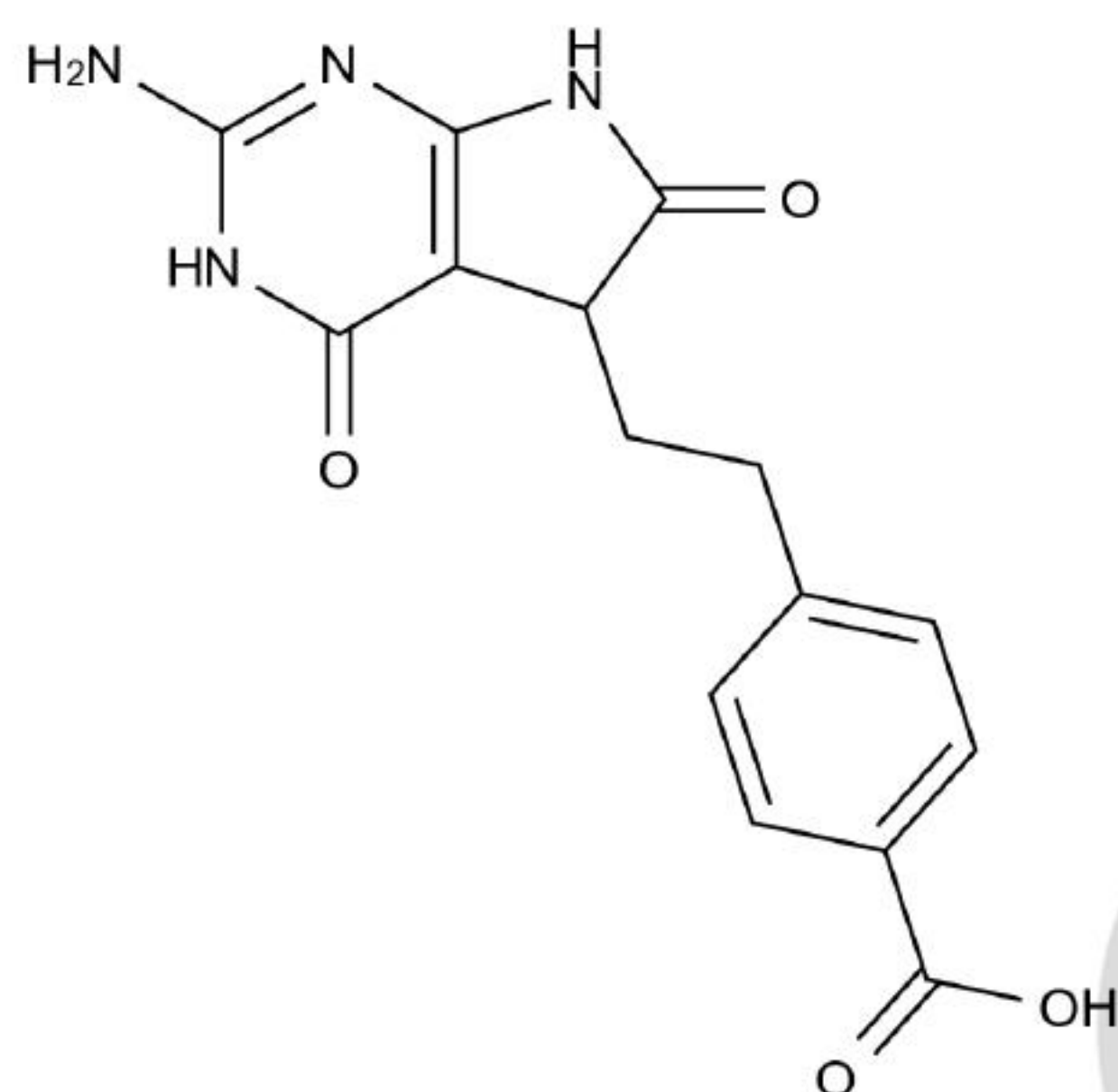


Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed Impurity 33	Catalogue Number:	C4X-172633
Synonyms:	N/A	Lot Number:	1016-RE-0057
CAS Number:	193265-47-3	Expiry Date:	Oct 16, 2026
Molecular Formula:	C ₁₅ H ₁₄ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.30		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.157%
Loss On Drying	TGA	0.9434%
Assay		96.2%

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:

Nice

Reviewed by:

Koi

Aporoved by General Manager:

David

Date: Oct 17, 2023

Date: Oct 17, 2023

Date: Oct 17, 2023

