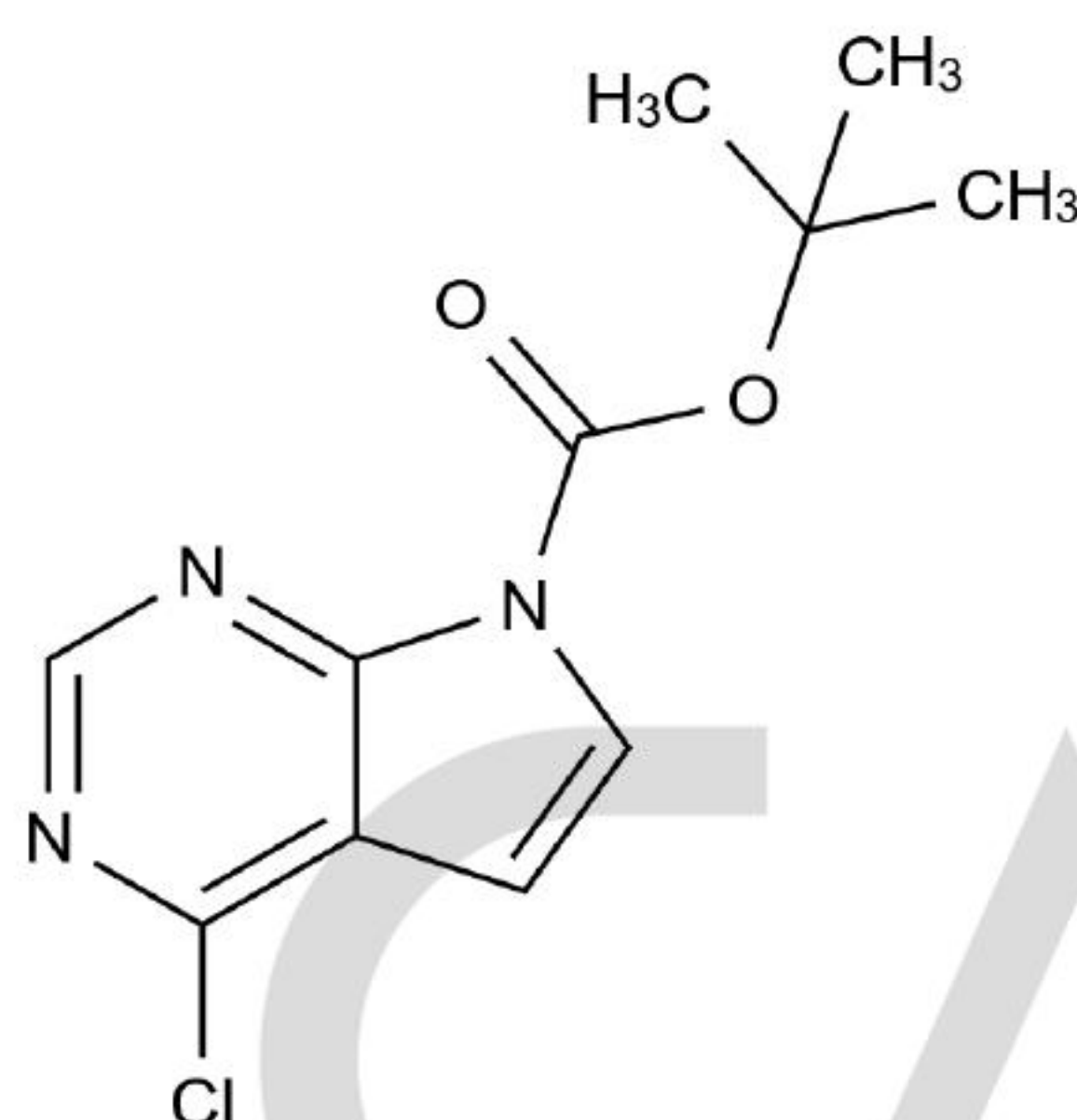


Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity 38	Catalogue Number:	C4X-226038
Synonyms:	N/A	Lot Number:	0304-RG-0143
CAS Number:	1236033-21-8	Expiry Date:	Mar 09, 2028
Molecular Formula:	C ₁₁ H ₁₂ ClN ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	253.68		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.199%
Loss On Drying	TGA	0.8845%
Assay		97.3%

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

Approved by General Manager:

David

Date: Mar 10, 2025

Date: Mar 10, 2025

Date: Mar 10, 2025

