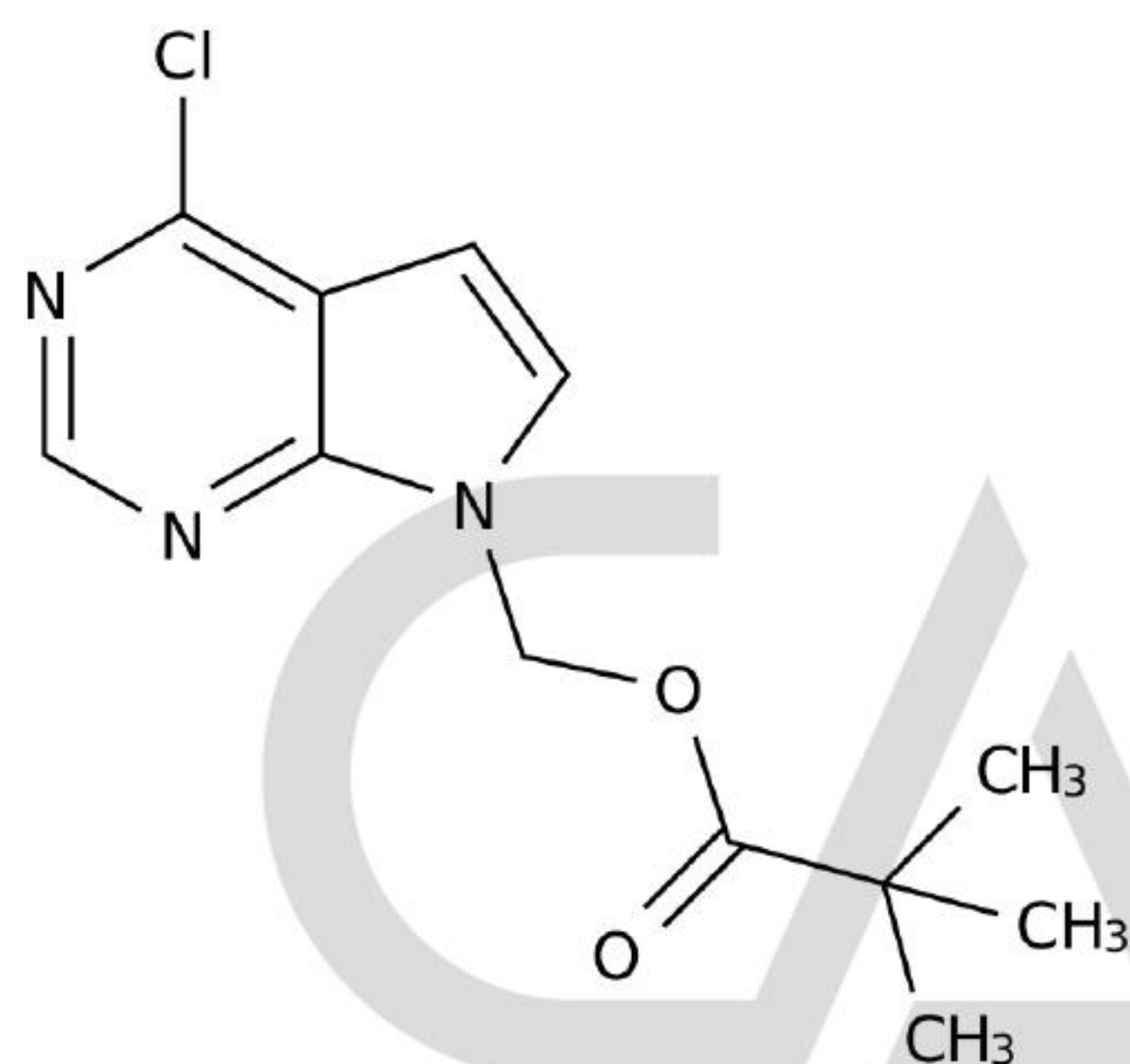


Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity 23	Catalogue Number:	C4X-226023
Synonyms:	N/A	Lot Number:	0907-RH-0145
CAS Number:	1146629-75-5	Expiry Date:	Sep 08, 2030
Molecular Formula:	C ₁₂ H ₁₄ ClN ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	267.71	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.360%
Loss on Drying	TGA	0.3182%
Assay		99.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 09, 2026

Date: Sep 09, 2026

Date: Sep 09, 2026



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