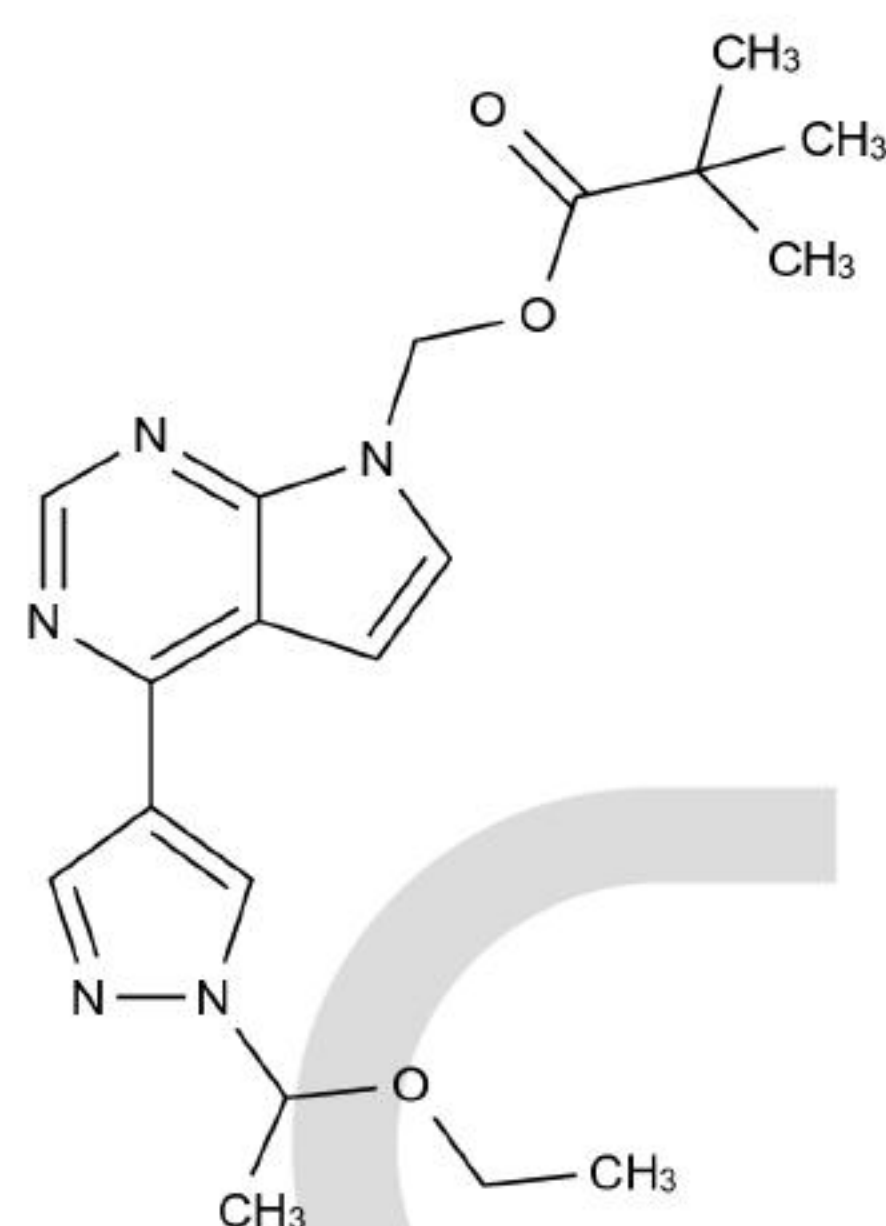


Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity 39	Catalogue Number:	C4X-226039
Synonyms:	N/A	Lot Number:	1008-RF-0019
CAS Number:	1146629-76-6	Expiry Date:	Oct 08, 2027
Molecular Formula:	C ₁₉ H ₂₅ N ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	371.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.473%
Loss On Drying	TGA	0.0338%
Assay		99.4%

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: Oct 09, 2024

Date: Oct 09, 2024

Date: Oct 09, 2024

