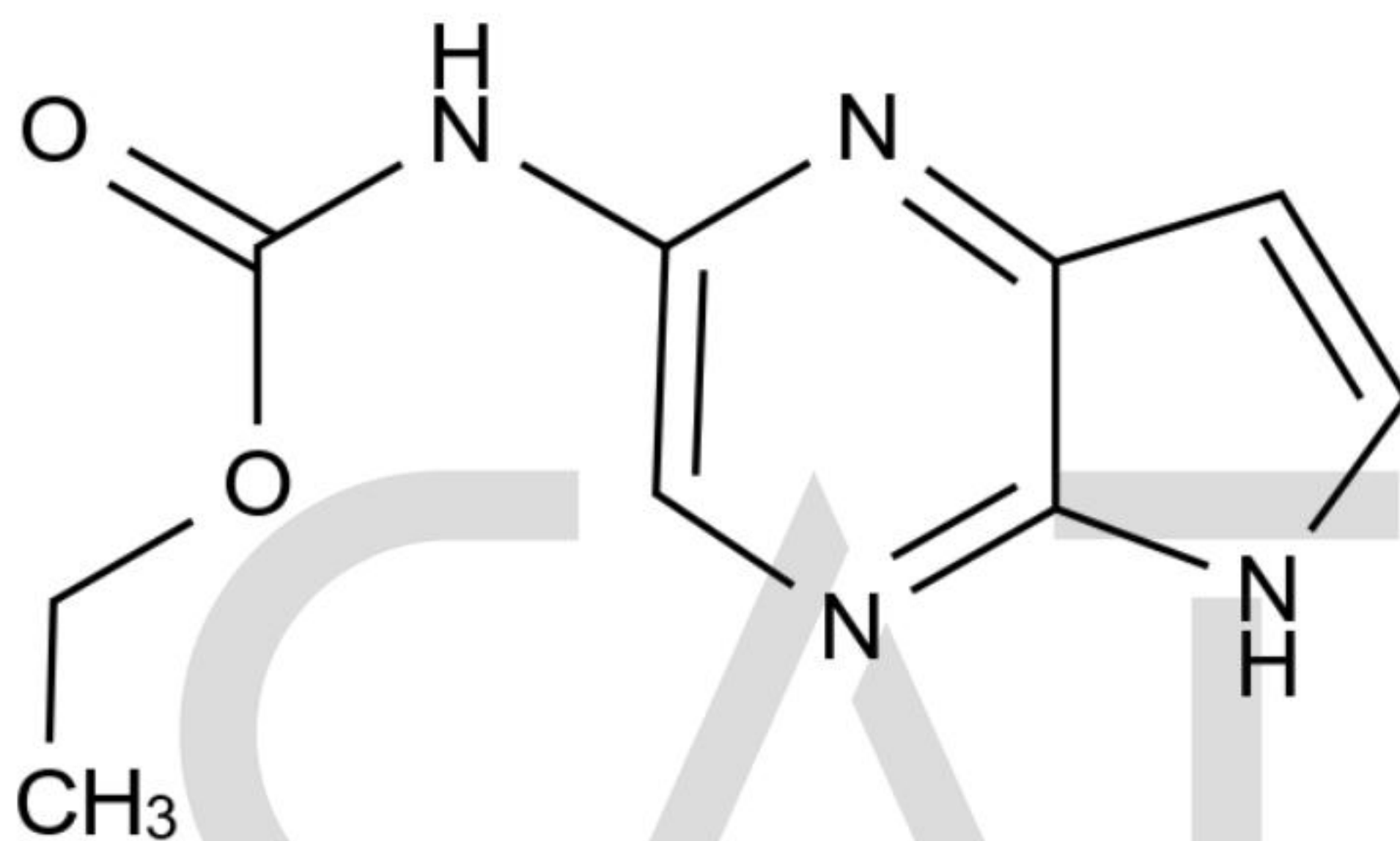


Certificate of Analysis

Reference Material & Standard

Product Name:	Upadacitinib Impurity 67	Catalogue Number:	C4X-240567
Synonyms:	N/A	Lot Number:	0124-RG-0045
CAS Number:	N/A	Expiry Date:	Feb 04, 2028
Molecular Formula:	C ₉ H ₁₀ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	206.20	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.656%
Loss On Drying	TGA	0.9157%
Assay		98.7%

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:

Nice

Reviewed by:

Lily

Approved by General Manager:

David

Date: Feb 05, 2025

Date: Feb 05, 2025

Date: Feb 05, 2025

