

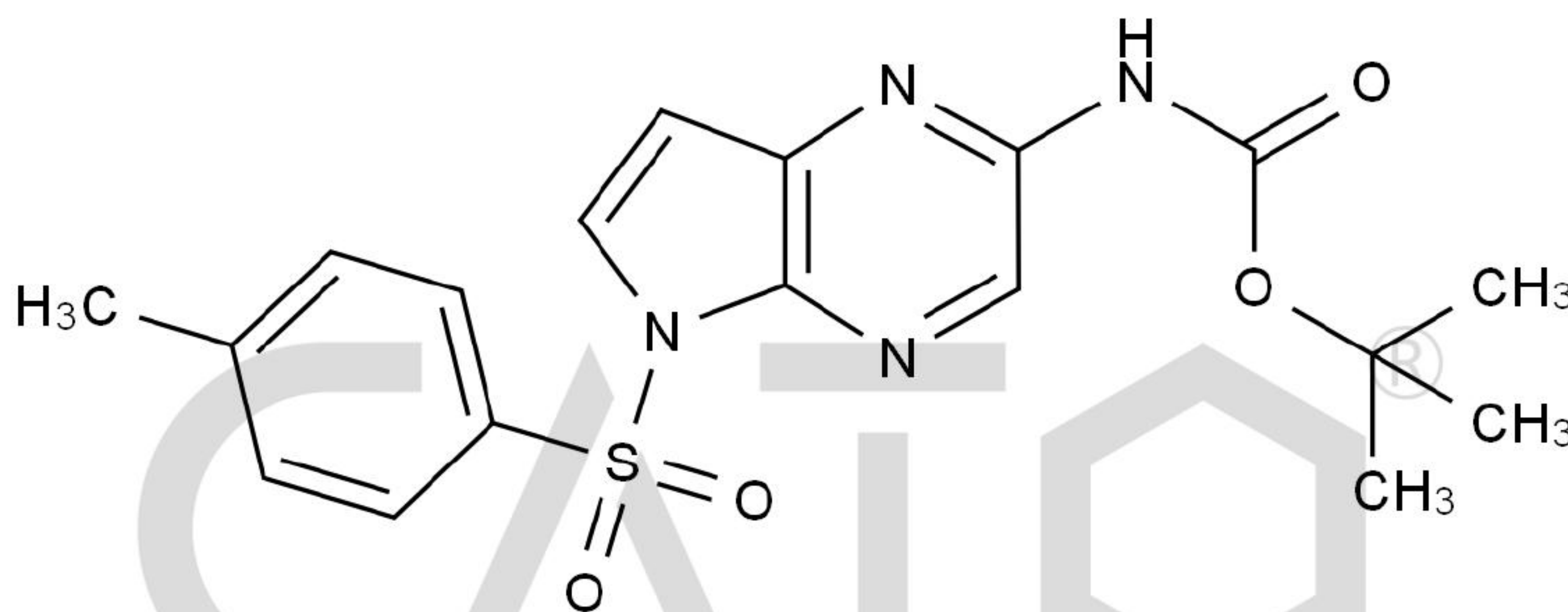
Certificate of Analysis

Reference Material & Standard

Product Name:	Upadacitinib Impurity 15	Catalogue Number:	C4X-240515
Synonyms:	N/A	Lot Number:	0617-RG-0034
CAS Number:	1201187-44-1	Expiry Date:	Jun 18, 2028
Molecular Formula:	C ₁₈ H ₂₀ N ₄ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	388.44	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1448%
Assay		99.9%

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: Jun 19, 2025

Date: Jun 19, 2025

Date: Jun 19, 2025

