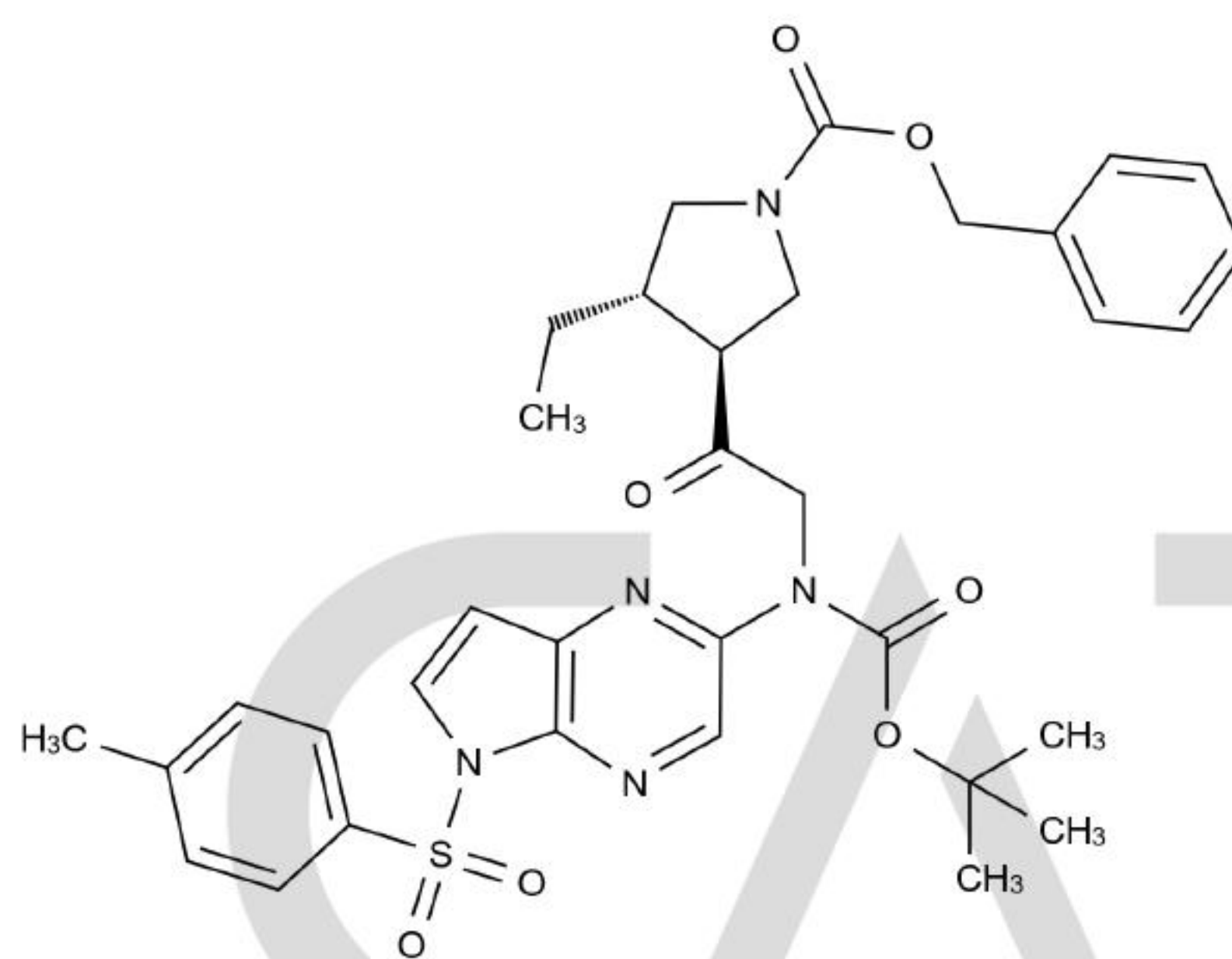


Certificate of Analysis

Reference Material & Standard

Product Name:	Upadacitinib Impurity 10	Catalogue Number:	C4X-240510
Synonyms:	N/A	Lot Number:	0814-RG-0026
CAS Number:	2768445-17-4	Expiry Date:	Jun 25, 2028
Molecular Formula:	C34H39N5O7S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	661.77	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&UV&HNMR	Confirmed
Purity	HPLC	99.233%
Water Content	Karl Fischer	0.40%
Residual Solvents	NMR	Not detected in NMR
Assay		98.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 14, 2025

Date: Aug 14, 2025

Date: Aug 14, 2025

