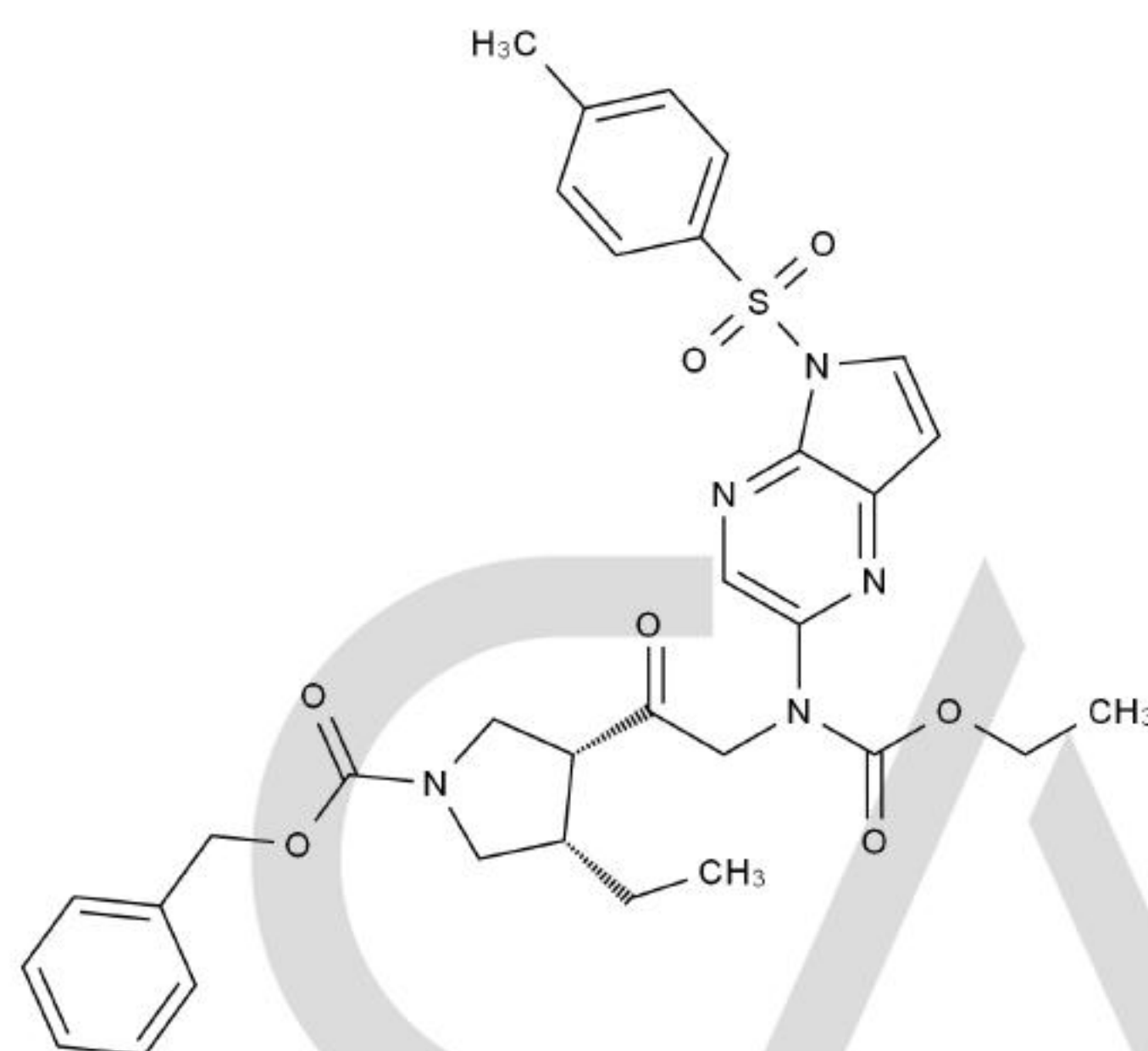


Certificate of Analysis

Reference Material & Standard

Product Name:	Upadacitinib Impurity 25	Catalogue Number:	C4X-240525
Synonyms:	N/A	Lot Number:	0928-RG-0103
CAS Number:	2050038-81-6	Expiry Date:	Oct 08, 2029
Molecular Formula:	C ₃₂ H ₃₅ N ₅ O ₇ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	633.71		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.966%
Loss On Drying	TGA	0.0329%
Assay		99.9%

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: Oct 09, 2025

Date: Oct 09, 2025

Date: Oct 09, 2025



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