

Certificate of Analysis

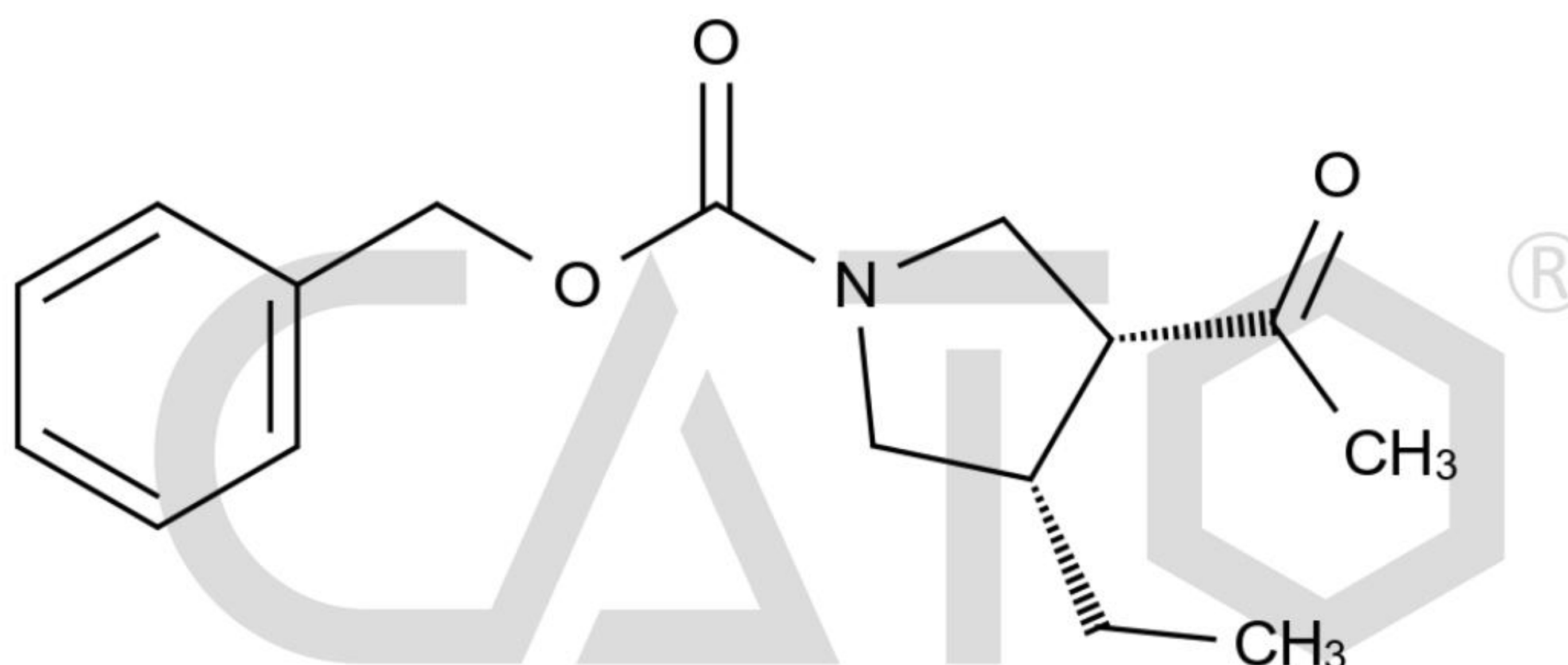
Reference Material & Standard

Product Name:	Upadacitinib Impurity 71	Catalogue Number:	C4X-240571
Synonyms:	N/A	Lot Number:	0908-RG-0050
CAS Number:	2411540-29-7	Expiry Date:	Sep 04, 2029
Molecular Formula:	C ₁₆ H ₂₁ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	275.34		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	HRMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.8426%
Loss On Drying	TGA	0.549%
Assay		99.3%

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:

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Reviewed by:

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Date: Sep 09, 2025

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