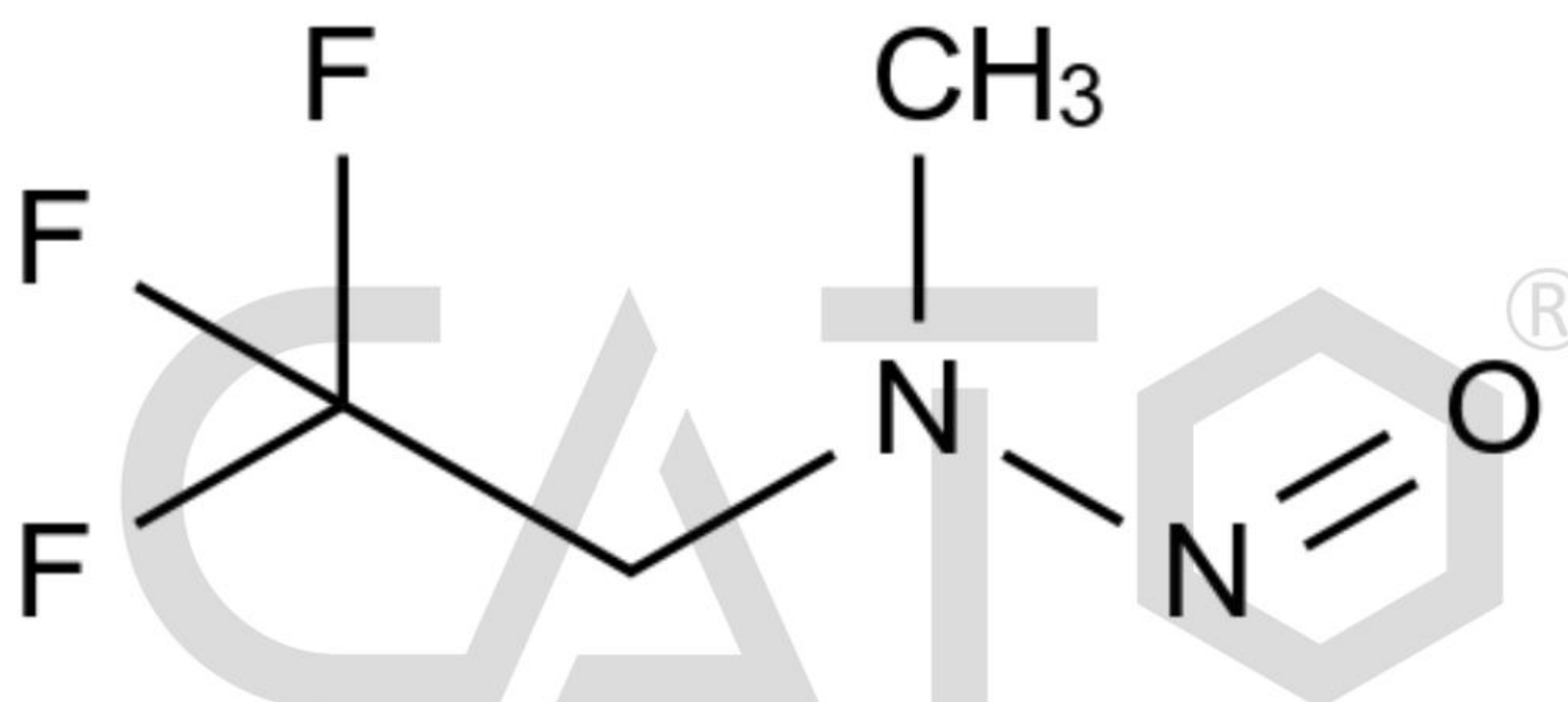


Certificate of Analysis

Reference Material & Standard

Product Name:	Upadacitinib Impurity 201	Catalogue Number:	C4X-2405201
Synonyms:	N/A	Lot Number:	1204-RG-0006
CAS Number:	N/A	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₃ H ₅ F ₃ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	142.08	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.8867%
Water Content	Karl Fischer	0.886%
Assay		99.0%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Yuki-i

Approved by General Manager:

David

Date: Dec 04, 2025

Date: Dec 05, 2025

Date: Dec 05, 2025



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