

Certificate of Analysis

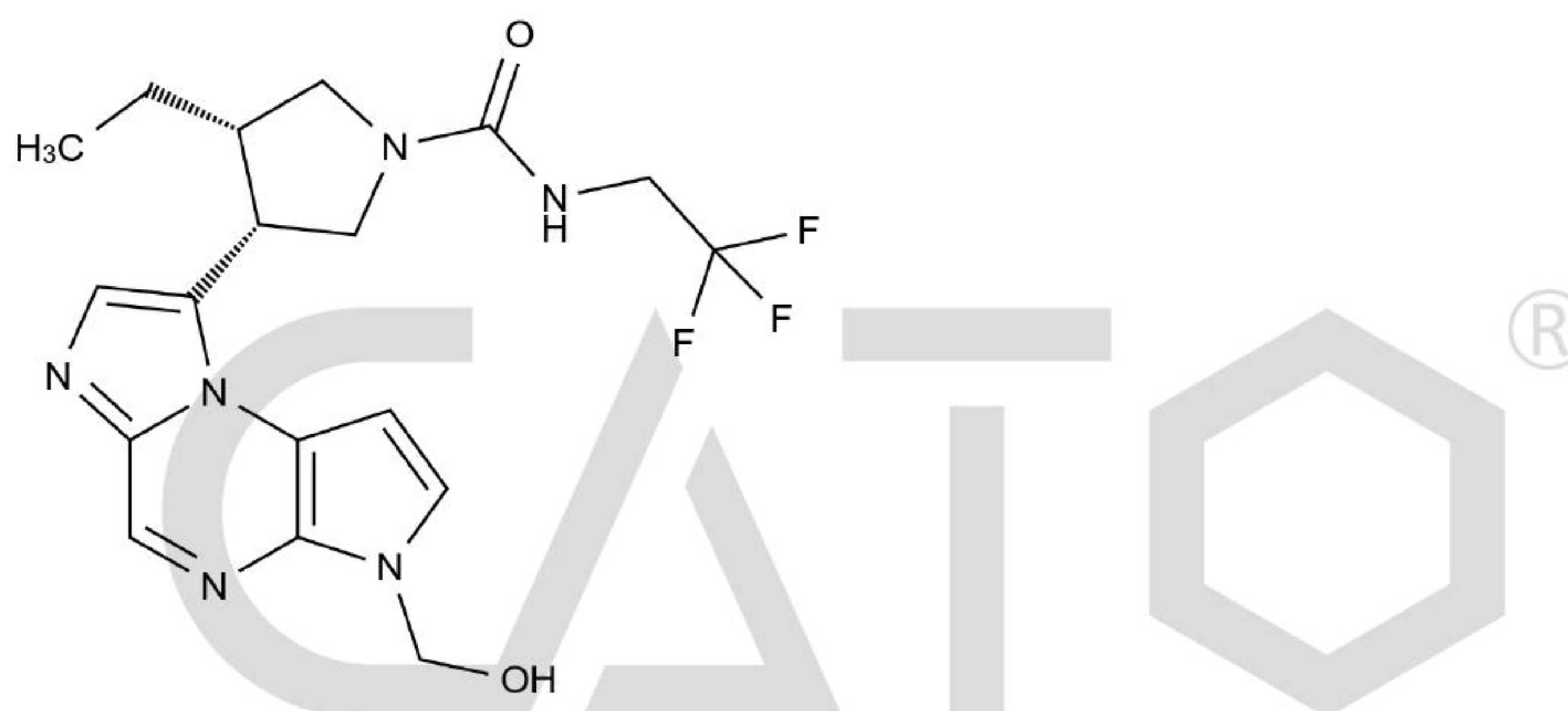
Reference Material & Standard

Product Name:	Upadacitinib Impurity 37	Catalogue Number:	C4X-240537
Synonyms:	N/A	Lot Number:	1024-RG-0057
CAS Number:	N/A	Expiry Date:	Oct 22, 2029
Molecular Formula:	C ₁₈ H ₂₁ F ₃ N ₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	410.39	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.278%
Residue on Ignition	TGA	0.0671%
Loss on Drying	TGA	3.9013%
Assay		95.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are 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 09, 2026

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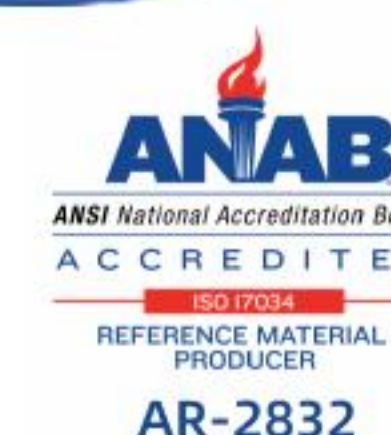
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