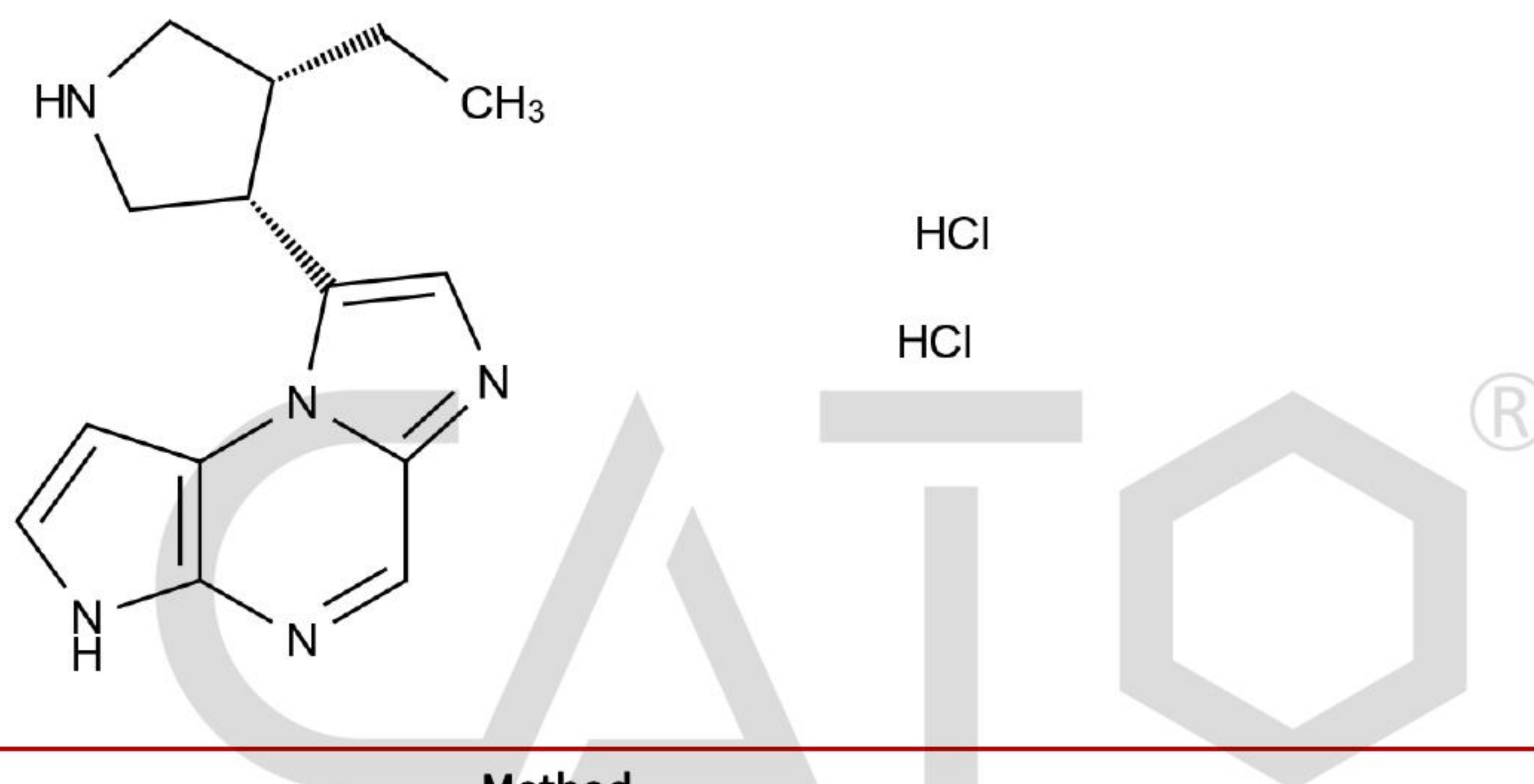


Certificate of Analysis

Reference Material & Standard

Product Name:	Upadacitinib Impurity 80 2HCl	Catalogue Number:	C4X-240580
Synonyms:	N/A	Lot Number:	0326-RF-0067
CAS Number:	N/A	Expiry Date:	Mar 21, 2027
Molecular Formula:	C ₁₄ H ₁₇ N ₅ 2*HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	255.32 2*36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	91.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Mar 26, 2024

Date: Mar 26, 2024

Date: Mar 26, 2024

