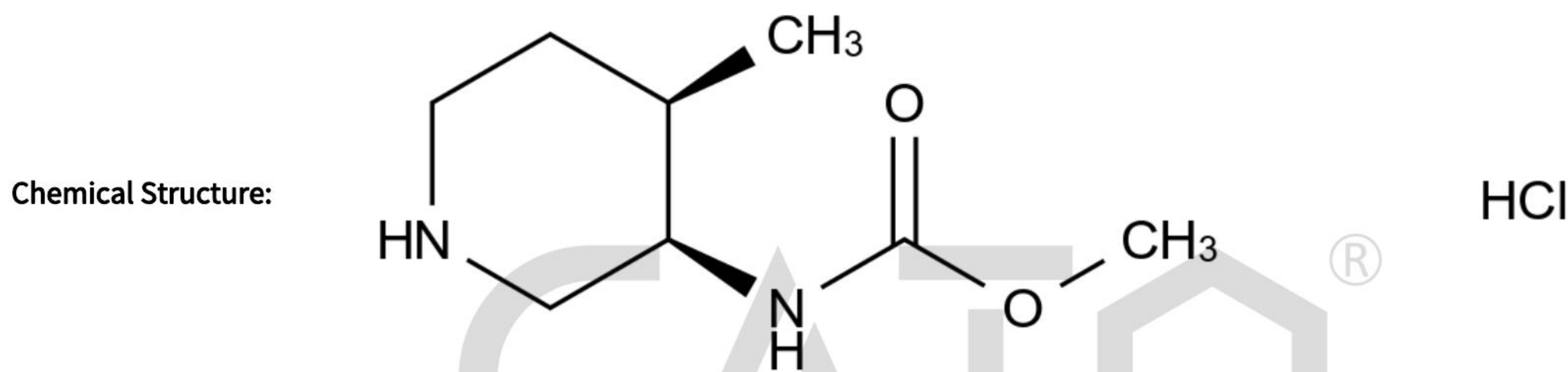


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 200 HCl	Catalogue Number:	C4X-1079200
Synonyms:	N/A	Lot Number:	0607-RF-0023
CAS Number:	1821717-21-8 (free base)	Expiry Date:	Jun 05, 2027
Molecular Formula:	C ₈ H ₁₆ N ₂ O ₂ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	172.22 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0000%
Loss On Drying	TGA	0.089%
Assay		99.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 12, 2024

Date: Jun 12, 2024

Date: Jun 12, 2024

