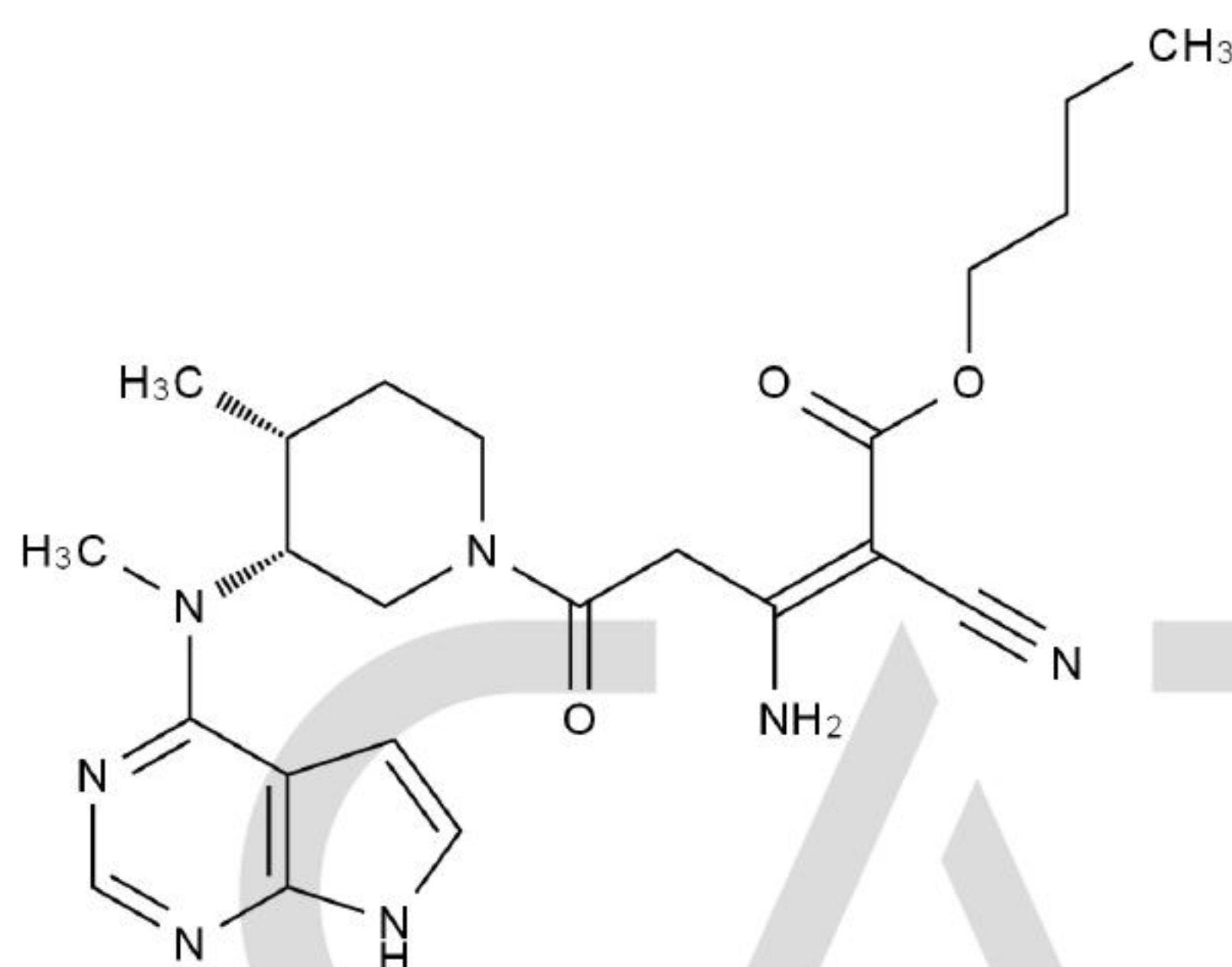


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 103	Catalogue Number:	C4X-1079103
Synonyms:	N/A	Lot Number:	1016-RE-0038
CAS Number:	N/A	Expiry Date:	Oct 18, 2026
Molecular Formula:	C ₂₃ H ₃₁ N ₇ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	453.54		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.7%
Assay	qNMR	95.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Nov 17, 2023

Date: Nov 17, 2023

Date: Nov 17, 2023

