CERTIFICATE OF ANALYSIS

(Certificate No. KMT136006-01)

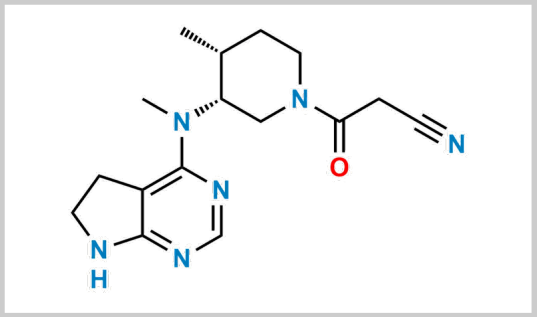
Release Date: 19/09/2026 **Re-test Date:** 18/09/2029

5,6-Dihydro Tofacitinib

Identification

Chemical Name :
3-((3R,4R)-3-((6,7-Dihydro-5H-pyrrolo[2,3-d]pyrimidin-4-yl)(methyl)amino)-4-methylpiperidin-1-yl)-3-oxopropanenitrile

Alt. Name	: Tofacitinib Dihydro Impurity
CAT No.	: KMT136006
CAS No.	: 1640972-35-5
Molecular Formula	: C16H22N6O
Molecular Weight	: 314.4



Analytical Information

Batch No.	: T136006-136
Description	: Not Available
HPLC Purity	: >95.0 %
Weight Loss By TGA	: <1.0 %
% Potency	: 94.05 %

Solubility	: Not Available
Mass	: Should be Confirm
IR	: Should be Confirm
1H NMR	: Should be Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.0(Weight Loss By TGA)] x [95.0(HPLC Purity)]/100 = 94.05 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		19/09/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA