CERTIFICATE OF ANALYSIS

(Certificate No. KMT136009-01)

Release Date: 30/11/2024 **Re-test Date:** 29/11/2027

N-Methyl Tofacitinib

Identification

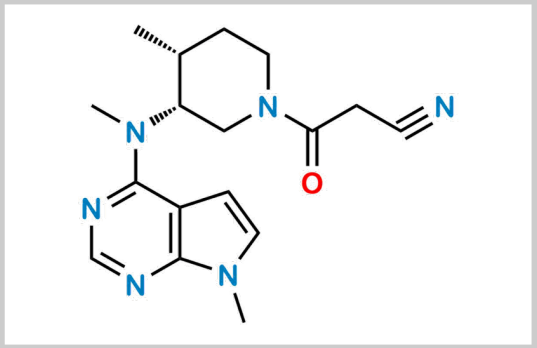
Chemical Name :
3-((3R,4R)-4-methyl-3-(methyl(7-methyl-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)piperidin-1-yl)-3-oxopropanenitrile

CAT No. : KMT136009

CAS No. : NA

Molecular Formula : C17H22N6O

Molecular Weight : 326.4



Analytical Information

Batch No. : T136009-091-046

Description : Off White Solid

HPLC Purity : 99.00 %

Weight Loss By TGA : 1.78 %

% Potency : 97.24 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H NMR : 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 - 1.78(Weight Loss By TGA)] x [99.00(HPLC Purity)]/100 = 97.24 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/11/2024

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