CERTIFICATE OF ANALYSIS

(Certificate No. KMT005024-01)

Release Date: 18/11/2025 **Re-test Date:** 17/11/2028

Telmisartan EP Impurity C

Identification

Chemical Name :
2-(4-{[4-Methyl-6-(1-methyl-1H-1,3-benzodiazol-2-yl)-2-propyl-1H-1,3-benzodiazol-1-yl] methyl}phenyl)benzoic acid t-butyl ester

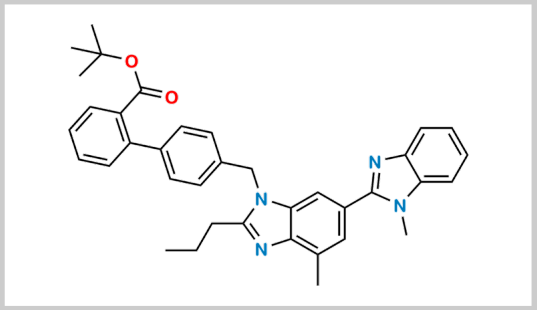
Alt. Name : Telmisartan t-Butyl Ester

CAT No. : KMT005024

CAS No. : 144702-26-1

Molecular Formula : C37H38N4O2

Molecular Weight : 570.7



Analytical Information

Batch No. : TEL-IMP-C-045-317

Description : Yellow Solid

HPLC Purity : 99.40 %

Weight Loss By TGA : 0.93 %

% Potency : 98.48 %

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 - 0.93(Weight Loss By TGA)] x [99.40(HPLC Purity)]/100 = 98.48 %
-Re-tested and Description changed on 18.11.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/11/2025

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