

CERTIFICATE OF ANALYSIS

(Certificate No. KML005061-01)

Release Date: 15/02/2025

Re-test Date: 14/02/2028

Losartan Methyl ether Impurity

Identification

Chemical Name :

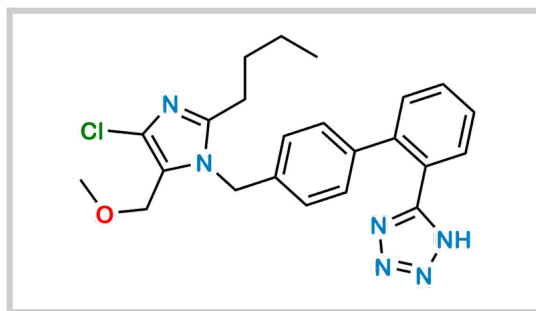
5-(4'-((2-butyl-4-chloro-5-(methoxymethyl)-1H-imidazol-1-yl)methyl)-[1,1'-biphenyl]-2-yl)-1H-tetrazole

CAT No. : KML005061

CAS No. : 114798-94-6

Molecular Formula : C₂₃H₂₅ClN₆O

Molecular Weight : 436.9



Analytical Information

Batch No. : LOS-IMP-4-045-177

Description : Off White Solid

HPLC Purity : 99.79 %

Weight Loss By TGA : 1.59 %

% Potency : 98.2 %

Solubility : *Refer in Additional information

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 - 1.59(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 98.2 %

*Solubility: Insoluble in Water and Freely Soluble in 10mg/0.1 ml methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/02/2025

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