CERTIFICATE OF ANALYSIS

(Certificate No. KMV008049-01)

Release Date: 15/09/2025 **Re-test Date:** 14/09/2028

Valsartan Impurity 13

Identification

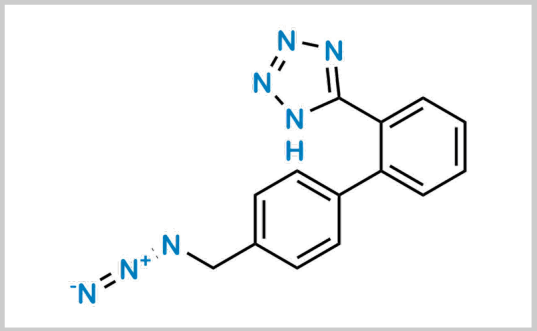
Chemical Name :
5-(4'-(Azidomethyl)-[1,1'-biphenyl]-2-yl)-1H-tetrazole

CAT No. : KMV008049

CAS No. : 152708-24-2

Molecular Formula : C14H11N7

Molecular Weight : 277.3



Analytical Information

Batch No. : VAL-IMP-13-045-289

Description : Off White Low Melting Solid (Sticky Liquid above 20° C)

HPLC Purity : 97.74 %

Weight Loss By TGA : 1.28 %

% Potency : 96.49 %

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 - 1.28(Weight Loss By TGA)] x [97.74(HPLC Purity)]/100 = 96.49 %
-Re-tested on 15.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/11/2025

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