CERTIFICATE OF ANALYSIS

(Certificate No. KMV008044-02)

Release Date: 26/09/2026 **Re-test Date:** 25/09/2029

Valsartan Butyryl impurity

Identification

Chemical Name :
[(S-N-Butyryl-N-([2'-(1H-tetrazole-5-yl)biphen-4-yl]methyl)-valine

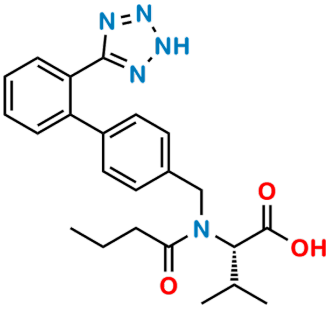
Alt. Name : Valsartan USP Related Compound B ; Valsartan N-Butyryl Analog

CAT No. : KMV008044

CAS No. : 952652-79-8

Molecular Formula : C23H27N5O3

Molecular Weight : 421.5



Analytical Information

Batch No.	: V008044-136-231	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 97.76 %	**IR**	: Confirm
Weight Loss By TGA	: 2.11 %	**1H NMR**	: Confirm
% Potency	: 95.7 %		

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 - 2.11(Weight Loss By TGA)] x [97.76(HPLC Purity)]/100 = 95.7 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		26/09/2026

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