CERTIFICATE OF ANALYSIS

(Certificate No. KMV008066-01)

Release Date: 03/05/2025 **Re-test Date:** 02/05/2028

VALSARTAN IMPURITY D

Identification

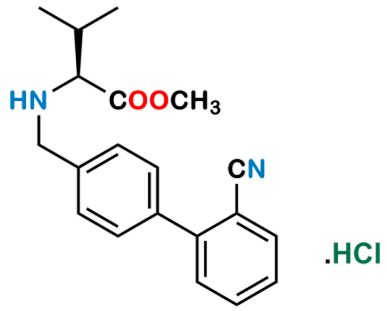
Chemical Name :
(S)-Methyl 2-(((2’-cyano-[1,1’-biphenyl]-4-yl)methyl)amino)-3-methylbutanoate Hydrochloride Salt

CAT No. : KMV008066

CAS No. : 482577-59-3

Molecular Formula : C20H22N2O2 : HCl

Molecular Weight : 322.4 : 36.5



Analytical Information

Batch No.	: VAL-IMP-D-030-044	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 94.03 %	**IR**	: Confirm
Weight Loss By TGA	: 1.21 %	**1H NMR**	: Confirm
% Potency	: 92.89 %		

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 - 1.21(Weight Loss By TGA)] x [94.03(HPLC Purity)]/100 = 92.89 %
-Re-tested on 03.05.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/05/2025

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