

CERTIFICATE OF ANALYSIS

(Certificate No. KMC057030-01)

Release Date: 17/04/2025

Re-test Date: 16/04/2028

Azilsartan Cyanoester Impurity

Identification

Chemical Name :

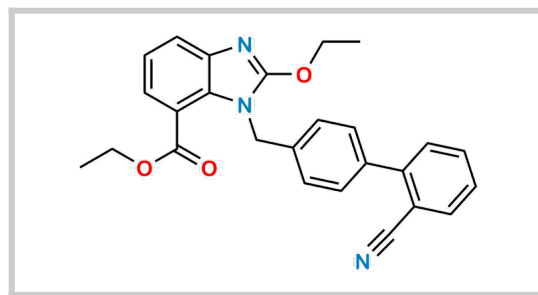
Ethyl 1-((2'-cyano-[1,1'-biphenyl]-4-yl)methyl)-2-ethoxy-1H-benzo[d]imidazole-7-carboxylate

CAT No. : KMC057030

CAS No. : 139481-41-7

Molecular Formula : C₂₆H₂₃N₃O₃

Molecular Weight : 425.5



Analytical Information

Batch No. : C057030-091-334

Description : White Solid

HPLC Purity : 99.53 %

Weight Loss By TGA : 0.03 %

% Potency : 99.5 %

Solubility : ACN : Water (1:1)

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 - 0.03(Weight Loss By TGA)] x [99.53(HPLC Purity)]/100 = 99.5 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		28/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/04/2025

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