CERTIFICATE OF ANALYSIS

(Certificate No. KML014025-01)

Release Date: 30/12/2024 **Re-test Date:** 29/12/2027

Lenalidomide Impurity C

Identification

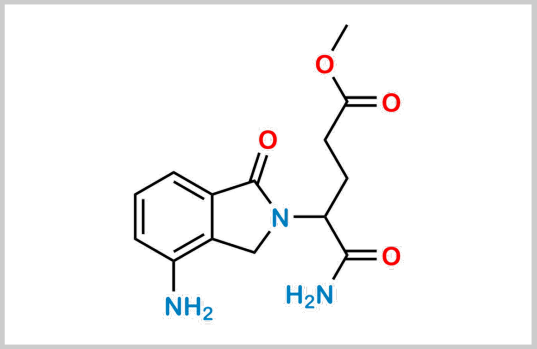
Chemical Name :
4-(4-Amino-1-oxo-1,3-dihydro-isoindol-2-yl)-4-carbamoylbutyric acid methyl ester

CAT No. : KML014025

CAS No. : 1198299-53-4

Molecular Formula : C14H17N3O4

Molecular Weight : 291.3



Analytical Information

Batch No. : L014025-091-115

Description : Off White Solid

HPLC Purity : 91.01 %

Weight Loss By TGA : 0.14 %

% Potency : 90.88 %

Solubility : 0.1% OPA : Methanol (75 : 25)

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 - 0.14(Weight Loss By TGA)] x [91.01(HPLC Purity)]/100 = 90.88 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/01/2025

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