

CERTIFICATE OF ANALYSIS

(Certificate No. KML075009-01)

Release Date: 10/03/2025

Re-test Date: 09/03/2028

LIFITEGRAST IMPURITY D

Identification

Chemical Name :

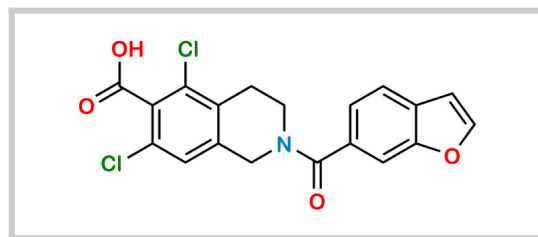
2-(Benzofuran-6-carbonyl)-5,7-dichloro-1,2,3,4-tetrahydroisoquinoline-6-carboxylic acid

CAT No. : KML075009

CAS No. : 2129597-34-6

Molecular Formula : C₁₉H₁₃Cl₂NO₄

Molecular Weight : 390.2



Analytical Information

Batch No. : SL-NML-335-054

Description : Off White Solid

HPLC Purity : 97.00 %

Weight Loss By TGA : 1.95 %

% Potency : 95.11 %

Solubility : Water and 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 - 1.95(Weight Loss By TGA)] x [97.00(HPLC Purity)]/100 = 95.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/03/2025

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