

CERTIFICATE OF ANALYSIS

(Certificate No. KML054040-01)

Release Date: 05/09/2024

Re-test Date: 04/09/2027

Lercanidipine Impurity 3

Identification

Chemical Name :

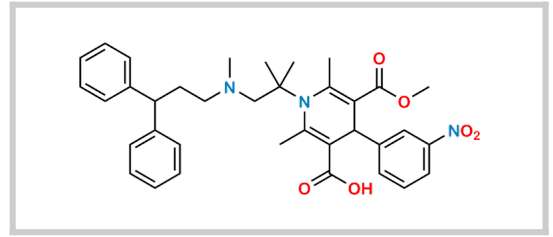
1-(1-((3,3-Diphenylpropyl)(methyl)amino)-2-methylpropan-2-yl)-5-(methoxycarbonyl)-2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3-carboxylic acid

CAT No. : KML054040

CAS No. : 2407630-84-4

Molecular Formula : C₃₆H₄₁N₃O₆

Molecular Weight : 611.7



Analytical Information

Batch No. : L054040-073-359

Description : Yellow Hygroscopic Solid

HPLC Purity : 96.74 %

Weight Loss By TGA : 1.58 %

% Potency : 95.21 %

Solubility : 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 - 1.58(Weight Loss By TGA)] x [96.74(HPLC Purity)]/100 = 95.21 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		07/09/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA