CERTIFICATE OF ANALYSIS

(Certificate No. KML054040-01)

Release Date: 05/09/2024 **Re-test Date:** 04/09/2027

Lercanidipine Impurity 3

Identification

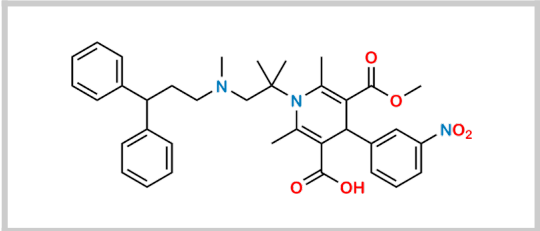
Chemical Name :
1-(1-((3,3-Diphenylpropyl)(methyl)amino)-2-methylpropan-2-yl)-5-(methoxycarbonyl)-2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3-carboxylic acid

CAT No. : KML054040

CAS No. : 2407630-84-4

Molecular Formula : C36H41N3O6

Molecular Weight : 611.7



Analytical Information

Batch No.	: L054040-073-359	**Solubility**	: Acetonitrile
Description	: Yellow Hygroscopic Solid	**Mass**	: Confirm
HPLC Purity	: 96.74 %	**IR**	: Confirm
Weight Loss By TGA	: 1.58 %	**1H NMR**	: Confirm
% Potency	: 95.21 %		

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, 1HNMR, IR and TGA