CERTIFICATE OF ANALYSIS

(Certificate No. KMA011001-01)

Release Date: 30/03/2024 **Re-test Date:** 29/03/2027

Amlodipine Acetyl Impurity

Identification

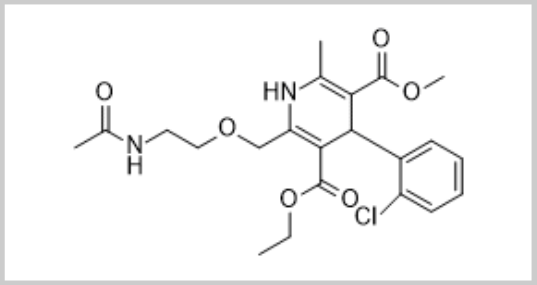
Chemical Name :
3-ethyl 5-methyl 2-((2-acetamidoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate

CAT No. : KMA011001

CAS No. : 93848-82-9

Molecular Formula : C22H27ClN2O6

Molecular Weight : 450.91



Analytical Information

Batch No.	: AML-ACE-073-149	**Solubility**	: ACN
Description	: Light Yellow Hygroscopic Solid	**Mass**	: Confirm
HPLC Purity	: 94.68 %	**IR**	: Confirm
Weight Loss By TGA	: 0.35 %	**1H NMR**	: Confirm
% Potency	: 94.35 %		

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 - 0.35(Weight Loss By TGA)] x [94.68(HPLC Purity)]/100 = 94.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/03/2024

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