

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMA011001-01)

**Release Date:** 30/03/2024

**Re-test Date:** 29/03/2027

## **Amlodipine Acetyl Impurity**

### **Identification**

**Chemical Name :**

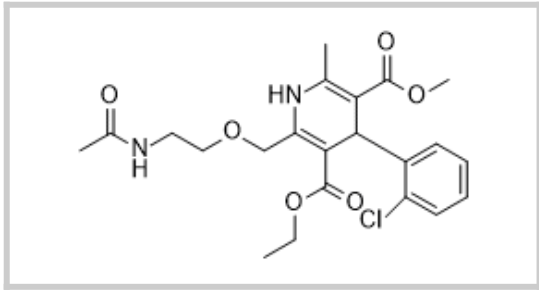
3-ethyl 5-methyl 2-((2-acetamidoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate

**CAT No.** : KMA011001

**CAS No.** : 93848-82-9

**Molecular Formula** : C22H27ClN2O6

**Molecular Weight** : 450.91



### **Analytical Information**

**Batch No.** : AML-ACE-073-149

**Description** : Light Yellow Hygroscopic Solid

**HPLC Purity** : 94.68 %

**Weight Loss By TGA** : 0.35 %

**% Potency** : 94.33 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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

**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, <sup>1</sup>HNMR, IR and TGA