

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF022006-01)

Release Date: 04/06/2026

Re-test Date: 03/06/2029

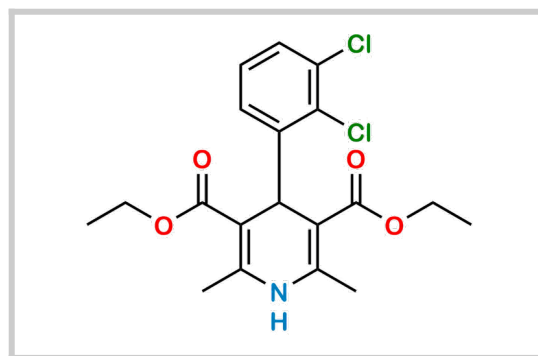
## Felodipine Impurity C

### Identification

**Chemical Name :**

Felodipine EP Impurity C ; Felodipine Diethyl Ester ; Nemadipine B ; Diethyl 4-(2,3-dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate

CAT No. : KMF022006  
CAS No. : 79925-38-5  
Molecular Formula : C<sub>19</sub>H<sub>21</sub>Cl<sub>2</sub>N<sub>1</sub>O<sub>4</sub>  
Molecular Weight : 398.3



### Analytical Information

Batch No.	: F022006-114-364	Solubility	: ACN : Water
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 99.56 %	IR	: Confirm
Weight Loss By TGA	: 0.21 %	1H NMR	: Confirm
% Potency	: 99.35 %		

### 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 =  $[100 - 0.21(\text{Weight Loss By TGA})] \times [99.56(\text{HPLC Purity})]/100 = 99.35 \%$   
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		04/06/2026

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