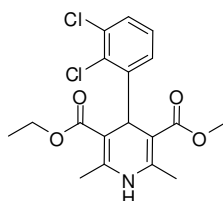


Certificate of Analysis

Axon Catalogue ID: 1448 **Batch Number:** 1
Product Name: Felodipine
Alternative Name(s): N.A.
IUPAC Name: 3-Ethyl 5-methyl 4-(2,3-dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate

Structure:



Amount:

CAS number(s): 72509-76-3
Molecular Formula: C₁₈H₁₉Cl₂NO₄ **Molecular Weight:** 384.25
Batch Molecular Formula: C₁₈H₁₉Cl₂NO₄ **Batch Molecular Weight:** 384.25
Appearance: Pale-yellow solid **Observed mp:** 142 - 144 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.26, H 4.98, N 3.65; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	38.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-04-2019

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only