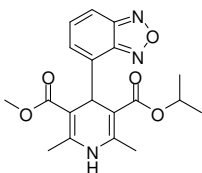


Certificate of Analysis

Axon Catalogue ID: 3501 **Batch Number:** 1
Product Name: Isradipine
Alternative Name(s): PN200-110
IUPAC Name: 3-Isopropyl 5-methyl 4-(benzo[c][1,2,5]oxadiazol-4-yl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate

Structure:



Amount:

CAS number(s): 75695-93-1
Molecular Formula: C₁₉H₂₁N₃O₅ **Molecular Weight:** 371.39
Batch Molecular Formula: C₁₉H₂₁N₃O₅ **Batch Molecular Weight:** 371.39
Appearance: Yellow solid **Observed mp:** 169 - 170 °C
TLC (R_f): 0.62 Hex/EtOAc (1:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.45, H 5.70, N 11.31; Found: C 61.33, H 5.50, N 11.32
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	37.1	>100 mM	
	EtOH	26.3	70.8	

Remarks:

QC Date: 28-10-2021

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