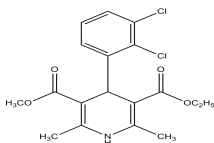


PRODUCT: Felodipine**ALTERNATE NAME:** 3-Ethyl 5-methyl 4-(2,3-dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate**CATALOG #:** 2399-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₁₉Cl₂NO₄**MOLECULAR WEIGHT:** 384.25**CAS NUMBER:** 72509-76-3**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~35 mg/ml) or EtOH (~ 35 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** At -20°C. Protect from light and air**DESCRIPTION:** A potent L-type Ca²⁺ channel blocker that is selective over N-, R-, P/Q- and T-type channels. It displays high vascular selectivity over cardiac muscle, thus lowering arterial blood pressure without altering cardiac contractility. Felodipine is used in the clinic as an antihypertensive agent.**REFERENCE:** Furukawa, T., *et al.* (1999). *J. Pharmacol. Exp. Ther.* **291**, 464-473.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Amlodipine besylate (Cat. No. 2378-50, 250)

2-APB (Cat. No. 1798-100)

Calcitriol (Cat. No. 1880-50, 250)

Pamidronate disodium (Cat. No. 1884-50, 250)

Thapsigargin (Cat. No. 1558-1)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**