

Product Information

Product ID F1745

CAS No. 72509-76-3

Chemical Name

Synonym Flodil, Munobal, Penedil, Perfudal, Plendil

Formula C₁₈H₁₉Cl₂NO₄

Formula Wt. 384.25

Melting Point 142-145°C

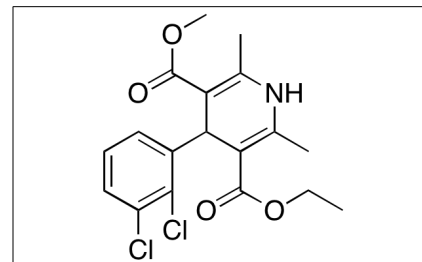
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Felodipine is a dihydropyridine antagonist at L-type cardiac Ca²⁺ channels. Felodipine exhibits antihypertensive, cardioprotective, and anti-inflammatory activities. In rat models of metabolic syndrome, felodipine decreases blood pressure, activation of NF-κB, and levels of serum insulin, ICAM-1, VCAM-1, and circulating macrophages. In animal models of cardiac ischemia/reperfusion, felodipine decreases infarct size.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
F1745	50 mg	\$134.30
F1745	100 mg	\$214.60
F1745	250 mg	\$402.40

References Tan HW, Xing SS, Bi XP, et al. Felodipine attenuates vascular inflammation in a fructose-induced rat model of metabolic syndrome via the inhibition of NF-kappaB activation. *Acta Pharmacol Sin.* 2008 Sep;29(9):1051-9. PMID: 18718174.

Kal JE, Spaan JA, van Wezel HB. Calcium channel blockade with felodipine does not affect metabolic coronary vasodilation in patients with coronary artery disease. *J Cardiovasc Pharmacol.* 2002 Feb;39(2):225-33. PMID: 11791008.

Koseki N, Deguchi J, Yamashita A, et al. Establishment of a novel experimental protocol for drug-induced seizure liability screening based on a locomotor activity assay in zebrafish. *J Toxicol Sci.* 2014 Aug;39(4):579-600. PMID: 25056783.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.