

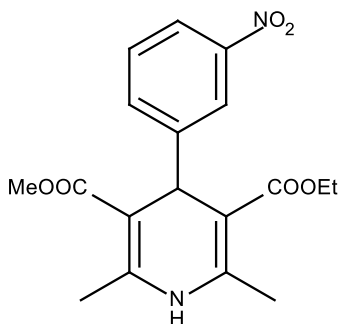
Catalog # 10-1216

Nitrendipine

CAS# 39562-70-4

2,6-Dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylic acid ethyl methyl ester

Lot # X101611



Nitrendipine is a clinically useful L-type calcium blocker.

- 1) Meyer et al., (1981), (*Synthesis and comparative pharmacological studies of 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylates with non-identical ester functions*); *Arzneimittelforschung* **31** 407
- 2) Stoepel et al., (1981), *Pharmacological studies of the antihypertensive effect of nitrendipine*; *Arzneimittelforschung* **31** 2056

PHYSICAL DATA

Molecular Weight:	360.36
Molecular Formula:	C ₁₈ H ₂₀ N ₂ O ₆
Purity:	>98% by TLC (1% Methanol/methylene chloride; R _f = 0.34) NMR: (Conforms)
Solubility:	DMSO (up to 20 mg/ml); Ethanol (up to 10 mg/mL)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at room temperature for up to 1 year from the date of purchase. Protect from light. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 week.

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