

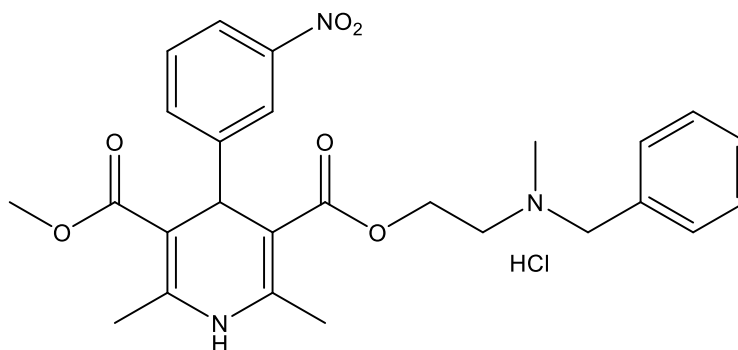
**Catalog # 10-1201**

**Nicardipine-HCl**

CAS# 54527-84-3

1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)methyl-2-[methyl(phenylmethyl)amino]-3,5-pyridinedicarboxylic acid methyl ester hydrochloride

Lot # X101416



Nicardipine is a clinically useful L-type calcium blocker. Inhibitor of MDR.<sup>2</sup>

- 1) Merck **14** 6495
- 2) Hulubei *et al.* (2012), *4-Isloxazolyl-1,4-dihydropyridines exhibit binding at the multidrug-resistance transporter*, *Bioorg. Med. Chem.*, **20** 6620

**PHYSICAL DATA**

Molecular Weight:	515.99
Molecular Formula:	C <sub>26</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub> ·HCl
Purity:	>98% by TLC
	NMR: (Conforms)
Solubility:	Water (up to 5 mg/ml); ethanol (up to 20 mg/mL)
Physical Description:	Pale-yellow solid
Storage and Stability:	Store as supplied at room temperature for up to 1 years from the date of purchase. Solutions in water or ethanol may be stored at -20°C for up to 1 month.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**