

**Product Name** : Nicardipine hydrochloride

**Synonyms** : YC-93 Hydrochloride

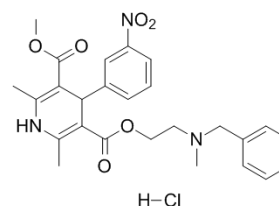
**Cat No.** : M14959

**CAS Number** : 54527-84-3

**Molecular Formula** : C<sub>26</sub>H<sub>30</sub>ClN<sub>3</sub>O<sub>6</sub>

**Formula Weight** : 515.99

**Chemical Name** : 3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-, 3-methyl 5-[2-[methyl(phenylmethyl)amino]ethyl] ester, hydrochloride (1:1)



**Description** : Nicardipine(YC-93) is a calcium channel blocker that has been widely used to control blood pressure in severe hypertension following events such as ischemic stroke, traumatic brain injury, and intracerebral hemorrhage.Hypertension Phase 3 Clinical

**Pathway** : GPCR/G Protein

**Target** : Calcium Channel

**Receptor** : AdrenergicReceptor;CalciumChannel;mAChR

**Solubility** : DMSO: ≥ 35 mg/mL

**SMILES** : CC1=C(C(C(=C(N1)C)C(=O)OCCN(C)Cc2ccccc2)c3ccccc3)[N+](=O)[O-]C(=O)OC.Cl

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Huang BR, et al. PLoS One. 2014 Mar 12;9(3):e91167.| 2. Amenta F, et al. J Hypertens Suppl. 1996 Oct;14(3):S29-35.| 3. Gasior M, et al. J Neural Transm. 1996;103(7):819-31.