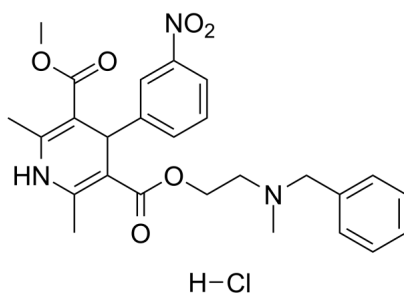


Data Sheet

Product Information

Catalog Number	BP12733
Product Name	Nicardipine hydrochloride
Description	Nicardipine Hydrochloride is the hydrochloride salt form of nicardipine, a synthetic derivative of nitrophenyl-pyridine and potent calcium channel blocker, Nicardipine (Nifedipine Family) blocks calcium ions from certain cell walls and inhibits contraction of coronary and peripheral arteries, resulting in lowered oxygen requirements for heart muscle and decreased arterial contraction and spasm. It is used clinically as a cerebral and coronary vasodilator.
Targets&IC50	cardiac calcium channels:1 μ M (IC50)
Synonyms	YC-93 Hydrochloride, Nicardipine HCl, RS-69216
CAS No.	54527-84-3
Chemical Formula	C ₂₆ H ₃₀ ClN ₃ O ₆
Molecular Weight	515.99
Solubility	Ethanol: <1 mg/mL DMSO: 93 mg/mL (180.2 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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