

Niguldipine HCl, L-type Ca²⁺ channel blocker

Catalog	Unit
TBI1215-10MG	10 mg
TBI1215-50MG	50 mg

Product Details

Molecular Formula: C₃₆H₃₉N₃O₆ · HCl

Formula Weight: 609.72 · 36.46

CAS Number: 119934-51-9

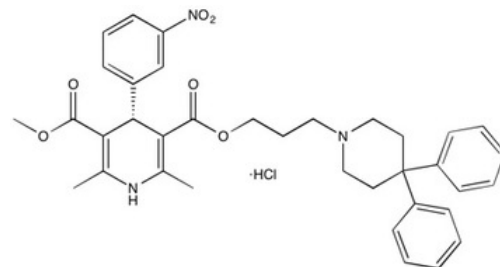
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Methanol (up to 25 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

L-type Ca²⁺ channel blocker

Functions

L-type calcium channel blocker (IC₅₀ = 75 nM), which can also inhibit T-type calcium channels at higher concentrations (IC₅₀ = 244 nM). Novel inhibitor of drug transport by p-glycoprotein.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Methanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or methanol may be stored at -20°C for up to 3 months.

For research use only.