

Isradipine, L-type Ca²⁺ channel blocker

Catalog	Unit
TBI1202-10MG	10 mg
TBI1202-50MG	50 mg

Product Details

Formal Name: 4-(4-Benzofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid, methyl, 1-methylester diester

Molecular Formula: C₁₉H₂₁N₃O₅

Formula Weight: 371.40

CAS Number: 75695-93-1

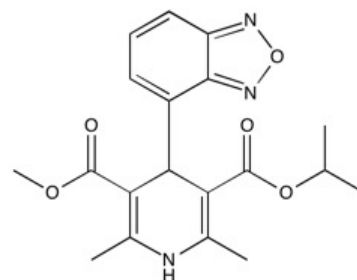
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 15 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

L-type Ca²⁺ channel blocker

Functions

L-type calcium channel blocker. Displays antiatherosclerotic effects and improves endothelium-mediated nitric oxide-dependent vasodilation. Displays neuroprotective activity in rat models. Orally active and cell permeable.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.