

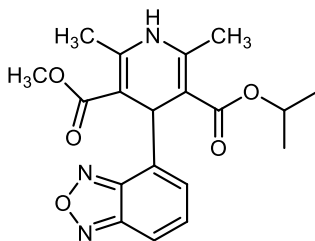


## Catalog # 10-1202

### Isradipine

CAS# 75695-93-1

4-(4-Benzofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid, methyl, 1-methylester diester  
Lot # X103019



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

- 1) Bracht *et al.* (2001), *Isradipine improves endothelium-dependent vasodilation in normotensive coronary artery disease patients with hypercholesterolemia*; J. Hyperten., **19** 899.
- 2) Chandra *et al.* (1999), *Use of diffusion-weighted MRI and neurological deficit scores to demonstrate beneficial effects of isradipine in a rat model of focal ischemia* ; Pharmacology, **58** 292
- 3) Merck 14:5240

### PHYSICAL DATA

Molecular Weight:	371.40
Molecular Formula:	C <sub>19</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>
Purity:	99% by TLC:
	NMR: Conforms
Solubility:	DMSO (up to 25 mg/ml) or ethanol (up to 15 mg/ml)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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