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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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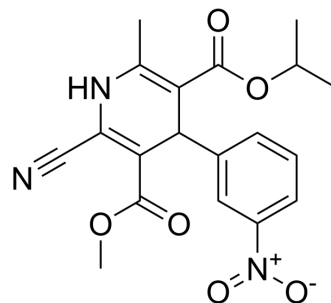
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Nilvadipine (Standard)

Cat. No.:	HY-14284R
CAS No.:	75530-68-6
Molecular Formula:	C ₁₉ H ₁₉ N ₃ O ₆
Molecular Weight:	385.37
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nilvadipine (Standard) is the analytical standard of Nilvadipine. This product is intended for research and analytical applications. Nilvadipine is a potent calcium channel antagonist, and the IC ₅₀ value is around 0.1 nM.
IC ₅₀ & Target	IC ₅₀ : 0.1 nM (Calcium channel) ^[1]

REFERENCES

- [1]. Nomoto A, et al. Smooth muscle cell migration induced by inflammatory cell products and its inhibition by a potent calcium antagonist, Nilvadipine. *Atherosclerosis*. 1988 Aug;72(2-3):213-9.
- [2]. Nomoto A, et al. Antiatherogenic activity of FR34235 (Nilvadipine), a new potent calcium antagonist. Effect on cuff-induced intimal thickening of rabbit carotid artery. *Atherosclerosis*. 1987 Apr;64(2-3):255-61.
- [3]. Sugawara H, et al. Antioxidant effects of calcium antagonists on rat myocardial membrane lipid peroxidation. *Hypertens Res*. 1996 Dec;19(4):223-8.
- [4]. Yamazaki H, et al. Preservation of retinal morphology and functions in royal college surgeons rat by Nilvadipine, a Ca(2+) antagonist. *Invest Ophthalmol Vis Sci*. 2002 Apr;43(4):919-26.

Caution: Product has not been fully validated for medical applications. For research use only.

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