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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

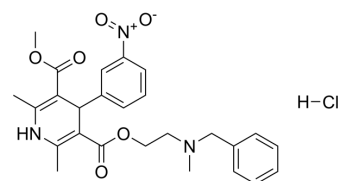
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Nicardipine hydrochloride (Standard)

Cat. No.:	HY-12515AR
CAS No.:	54527-84-3
Molecular Formula:	C ₂₆ H ₃₀ ClN ₃ O ₆
Molecular Weight:	515.99
Target:	Autophagy; Calcium Channel
Pathway:	Autophagy; Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nicardipine (hydrochloride) (Standard) is the analytical standard of Nicardipine (hydrochloride). This product is intended for research and analytical applications. Nicardipine hydrochloride (YC-93) is a calcium channel blocker with an IC ₅₀ of 1 μM for blocking cardiac calcium channels. Nicardipine hydrochloride acts as an agent for chronic stable angina and for controlling blood pressure ^[1] .
IC₅₀ & Target	IC ₅₀ : 1 μM (cardiac calcium channels) ^[1]

REFERENCES

- [1]. Charnet P, et al. Electrophysiological analysis of the action of nifedipine and nicardipine on myocardial fibers. *Fundam Clin Pharmacol.* 1987;1(6):413-31.
- [2]. R Stamatiou, et al. The dihydropyridine calcium antagonist nicardipine reduces aortic smooth muscle cell viability, proliferation and migration. *Cardiovascular Research*, 2018 Apr,114(1):S43.
- [3]. Sherrin H. Baky. Nic ardpine Hydrochloride.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA