



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

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) 

Nifedipine

L-type Ca channel blocker
Catalog No. SIH-309



Discovery through partnership | Excellence through quality

Overview

Product Name

Nifedipine

Description

L-type Ca channel blocker

Purity

>98%

CAS No.

21829-25-4

Molecular Formula

C₁₇H₁₄N₂O₆

Molecular Weight

346.34

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO

Source

Synthetic

Appearance

Yellow solid

SMILES

CC1=C(C(C(=C(N1)C)C(=O)OC)C2=CC=CC=C2[N+](=O)[O-])C(=O)OC

InChI

InChI=1S/C17H18N2O6/c1-9-13(16(20)24-3)15(14(10(2)18-9)17(21)25-4)11-7-5-6-8-12(11)19(22)23/h5-8,15,18H,1-4H3

InChIKey

HYIMSNHJOBLJNT-UHFFFAOYSA-N

Safety Phrases

Classification: Toxic. May be harmful or fatal if inhaled, swallowed or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Risk Phrases:

R20/21/22- Harmful by inhalation, in contact with skin and if swallowed

R60 - May impair fertility

R61 - May cause harm to the unborn child

Hazard Phrases: H302

Cite This Product

Nifedipine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-309)

Biological Description

Alternative Names

Dimethyl 2,6-dimethyl-4-(2-nitrophenyl)-1,4-dihydro-3,5-pyridinedicarboxylate

Research Areas

Calcium Channels, Ion Channels, Neuroscience, Voltage-Gated Calcium Channels

PubChem ID

4485

Scientific Background

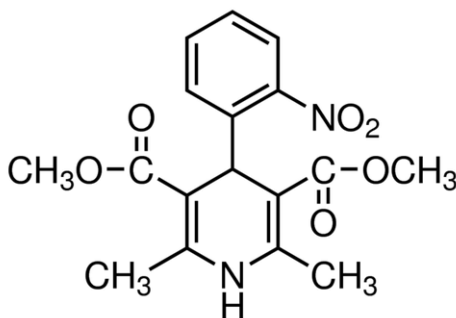
Nifedipine is a dihydropyridine calcium channel blocker. It is used mainly as an antianginal, and hypertensive (1), but has other uses such as Raynauds phenomenon (2), premature labor, and painful spasms of the esophagus.

References

1. Dalal J.J., Griffiths B.E. and Henderson A.H. (1981) Br Heart J. 46(2): 230-231.
2. Thompson A.E., Pope J.E. (2005) Rheumatology. 44(2): 145-150.

Product Images

Chemical structure of Nifedipine (SIH-309), a L-type Ca channel blocker. CAS #: 21829-25-4. Molecular Formula: C₁₇H₁₈N₂O₆. Molecular Weight: 346.34 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.