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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Isradipine

L-type Ca channel blocker
Catalog No. SIH-314



Discovery through partnership | Excellence through quality

Overview

Product Name

Isradipine

Description

L-type Ca channel blocker

Purity

>98%

CAS No.

75695-93-1

Molecular Formula

C₁₇H₁₉N₃O₄

Molecular Weight

371.39

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 50 mM in DMSO and to 20 mM in ethanol

Source

Synthetic

Appearance

Yellow Crystalline Solid

SMILES

CC1=C(C(C(=C(N1)C)C(=O)OC(C)C)C2=CC=CC3=NON=C32)C(=O)OC

InChI

InChI=1S/C19H21N3O5/c1-9(2)26-19(24)15-11(4)20-10(3)14(18(23)25-5)16(15)12-7-6-8-13-17(12)22-27-21-13/h6-9,16,20H,1-5H3

InChIKey

HMJYCCIJYRONP-UHFFFAOYSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

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

Hazard Phrases:

H302-H315-H317-H318-H335

Precautionary Phrases:

P261-P280-P305 + P351 + P338

Cite This Product

Isradipine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-314)

Biological Description

Alternative Names

Isopropyl methyl 4-(2,1,3-benzoxadiazol-4-yl)-2,6-dimethyl-1,4-dihydro-3,5-pyridinedicarboxylate, PN 200-110

Research Areas

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

PubChem ID

3784

Scientific Background

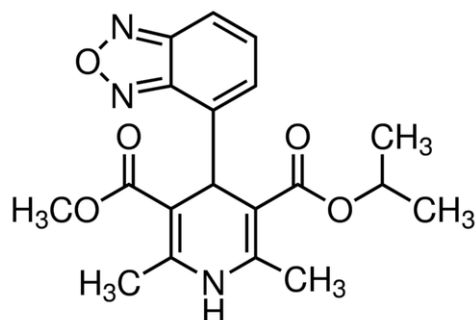
Isradipine is a calcium channel blocker of the dihydropyridine class. It is usually used in the treatment of high blood pressure because of its anti-hypertensive properties in vivo (1). Recent studies suggest a potential use for Parkinsons disease (2).

References

1. Wada Y., Satoh K., Taira N. (1985) J Cardiovasc Pharmacol. 7(1): 190-196.
 2. Chan C.S., et al. (2007) Nature. 447: 1081-1086.
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Product Images

Chemical structure of Isradipine (SIH-314), a L-type Ca channel blocker. CAS #: 75695-93-1. Molecular Formula: C₁₉H₂₁N₃O₅. Molecular Weight: 371.39 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.