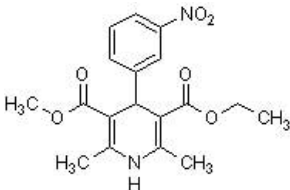


# Nitrendipine, L-type Ca<sup>2+</sup> channel blocker ab120139

## 2 图像

### 概述

产品名称	Nitrendipine, L-type Ca <sup>2+</sup> channel blocker
描述	L-type Ca <sup>2+</sup> channel blocker
生物学描述	L-type Ca <sup>2+</sup> channel blocker. Antihypertensive <i>in vivo</i> .
CAS编号	39562-70-4
化学结构	

### 性能

化学名称	1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid ethyl methyl ester
分子量	360.36
分子式	C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub>
PubChem识别号	4507
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 50 mM and in ethanol to 25 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
SMILES	<chem>CC=1NC(C)=C(C(C=1C(=O)OCC)c2cccc(c2)[N+][O-])C(=O)OC</chem>
来源	Synthetic

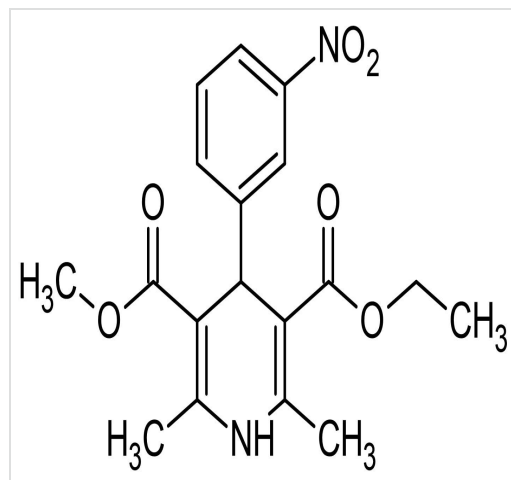
## The Abpromise guarantee

Abpromise™承诺保证使用ab120139于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

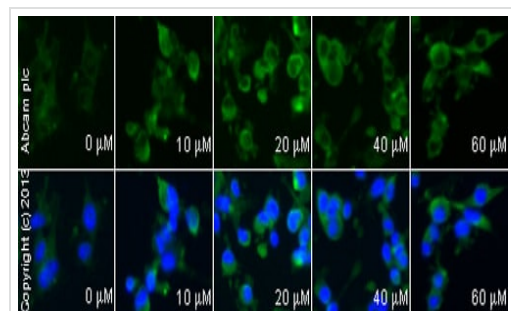
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

## 图片



2D chemical structure image of ab120139, Nitrendipine, L-type Ca<sup>2+</sup> channel blocker

Chemical Structure - Nitrendipine, L-type Ca<sup>2+</sup> channel blocker (ab120139)



Functional Studies - Nitrendipine, L-type Ca<sup>2+</sup> channel blocker (ab120139)

**ab2770** staining aryl hydrocarbon receptor in MDA-MB-231 cells treated with nitrendipine (ab120139), by ICC/IF. Increase in aryl hydrocarbon receptor expression correlates with increased concentration of nitrendipine, as described in literature. The cells were incubated at 37°C for 6h in media containing different concentrations of ab120139 (nitrendipine) in DMSO, fixed with 100% methanol for 5 minutes at -20°C and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab2770** (1/100 dilution) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-mouse polyclonal antibody (**ab96879**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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