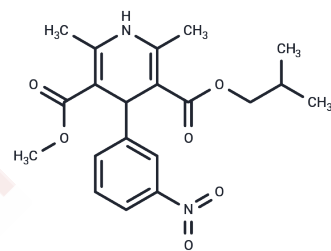


m-Nisoldipine

Chemical Properties

CAS No. :	113578-26-0
Formula:	C ₂₀ H ₂₄ N ₂ O ₆
Molecular Weight:	388.41
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	m-Nisoldipine (3-methyl 5-(2-methylpropyl) 2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate) is a dihydropyridine calcium channel blocker, a derivative of nisoldipine, that blocks L-type calcium channels in the heart and smooth muscle cells for the treatment of hypertension and angina pectoris.
Targets(IC50)	Others, Calcium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (128.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5746 mL	12.873 mL	25.746 mL
5 mM	0.5149 mL	2.5746 mL	5.1492 mL
10 mM	0.2575 mL	1.2873 mL	2.5746 mL
50 mM	0.0515 mL	0.2575 mL	0.5149 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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