

## Niguldipine Free Base

## Chemical Properties

CAS No. : 102993-22-6

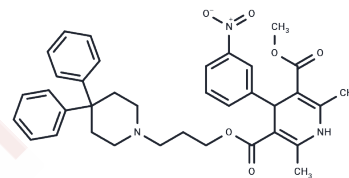
Formula: C<sub>36</sub>H<sub>39</sub>N<sub>3</sub>O<sub>6</sub>

Molecular Weight: 609.71

Store at low temperature

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	Niguldipine Free Base is a calcium channel blocker and antagonist with an IC <sub>50</sub> =0.9 μM for Cav 3.2, suitable for cardiovascular system research.
Targets(IC50)	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6401 mL	8.2006 mL	16.4012 mL
5 mM	0.328 mL	1.6401 mL	3.2802 mL
10 mM	0.164 mL	0.8201 mL	1.6401 mL
50 mM	0.0328 mL	0.164 mL	0.328 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.

## Reference

Effects of niguldipine, a new dihydropyridine calcium antagonist, on regional blood flow, cardiac performance and myocardial metabolism in anaesthetized open-chest dogs

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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