

Nifedipine

Catalog No: #S1146

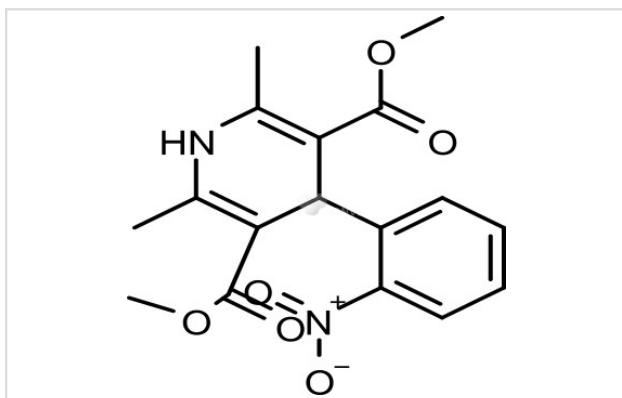
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Description

Product Name	Nifedipine
Brief Description	Inhibitors
Purification	93.16%
Target Name	Calcium Channel inhibitor; CaMK inhibitor; Potassium Channel inhibitor
Calculated MW	346.34
Formulation	C17H18N2O6
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cardiovascular System
 SMILES: COC(=O)C1=C(C)NC(C)=C(C1C1=CC=CC=C1[N+](=O)[O-])C(=O)OC
 Pathways: Membrane transporter/Ion channel; Neuroscience Receptor: Calcium Channel; CAM; Potassium Channel
 Boiling pt: Melting pt: 171-175°C
 Solubility: Ethanol: 15 mg/mL (43.31 mM); DMSO: 69 mg/mL (199.23 mM)
 Appearance: Yellow Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Bell DC, et al. J Neurophysiol. 2001 Feb;85(2):816-27.

Note: This product is for in vitro research use only