

## Nimodipine

Catalog No: #S0343

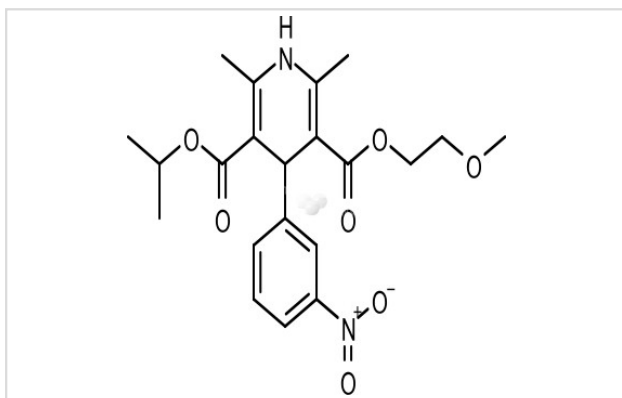
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## Description

Product Name	Nimodipine
Brief Description	Inhibitors
Purification	99.56%
Target Name	AhR agonist; Calcium Channel inhibitor; Glucocorticoid Receptor antagonist
Calculated MW	418.44
Formulation	C21H26N2O7
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cardiovascular

System SMILES: COCCOC(=O)C1=C(C)NC(C)=C(C1C1=CC(=CC=C1)[N+])([O-])=O)C(=O)OC(C)C  
 Pathways: Endocrinology/Hormones; Membrane transporter/Ion channel; Metabolism  
 Receptor: AhR; Calcium Channel; Mineralocorticoid Receptor  
 Boiling pt: Melting pt: 125°C  
 Solubility: Ethanol: 84 mg/mL (200.74 mM); DMSO: 84 mg/mL (200.74 mM)  
 Appearance: White 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. Weant KA, et al. Pharmacotherapy. 2010 Apr;30(4):405-17.

Note: This product is for in vitro research use only