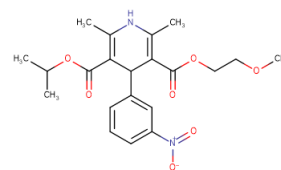


Product Name	: Nimodipine
Synonyms	: Admon; BAY-e 9736; Periplus
Cat No.	: M15515
CAS Number	: 66085-59-4
Molecular Formula	: C ₂₁ H ₂₆ N ₂ O ₇
Formula Weight	: 418.44
Chemical Name	: 3-isopropyl 5-(2-methoxyethyl) 2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate
Description	: Nimodipine(Nimotop) is a dihydropyridine derivative and an analogue of the calcium channel blocker nifedipine, with antihypertensive activity. Nimodipine decreases intracellular free Ca ²⁺ , Beclin-1 and autophagy.
Pathway	: Endocrinology/Hormones
Target	: AhR
Receptor	: AhR; Calcium Channel; Mineralocorticoid Receptor
Solubility	: Ethanol: 84 mg/mL (200.74 mM); DMSO: 84 mg/mL (200.74 mM)
SMILES	: <chem>CC1=C(C(=O)OCCOC)C(=O)C2=CC([N+](=O)[O-])=CC=C2C(C(=O)OCCOC)=C(C)N1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Weant KA, et al. Pharmacotherapy. 2010 Apr;30(4):405-17.