

Product Name : Amlodipine

Synonyms : Intervask; Pelmec

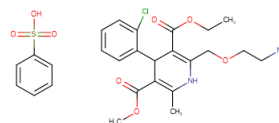
Cat No. : M16392

CAS Number : 88150-42-9

Molecular Formula : C₂₀H₂₅ClN₂O₅

Formula Weight : 408.88

Chemical Name : —



Description : Amlodipine is a long-acting calcium channel blocker. Amlodipine is a dihydropyridine calcium antagonist (calcium ion antagonist or slow-channel blocker) that inhibits the movement of calcium ions into vascular smooth muscle cells and cardiac muscle cells.

Pathway : GPCR/G Protein

Target : Calcium Channel

Receptor : Calcium Channel

Solubility : Ethanol: 82 mg/mL (200.54 mM); DMSO: 82 mg/mL (200.54 mM)

SMILES : OS(=O)(=O)C1=CC=CC=C1.CCOC(=O)C1=C(COCCN)NC(C)=C(C1C1=CC=CC=C1Cl)C(=O)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Zhang X, et al. Circulation, 1998, 97(6), 576-580.