
Dehydro Nifedipine

产品编号: D53928

CAS: 67035-22-7

分子式: C₁₇H₁₆N₂O₆

纯度: 98.65%

InChi Key: InChiKey=UMQHJQGNGQLQJPF-UHFFFAOYSA-N

Smiles: O=C(OC)C1=C(N=C(C(C(=O)OC)=C1C=2C=CC=CC2N(=O)=O)C)C

外观: 固体粉末

作用通路: Metabolism

作用靶点: Drug Metabolite

溶解性: DMSO: 27.0 mg/mL (78.5 mM); Ethanol: 2.7 mg/mL (7.8 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Dehydro Nifedipine is the main metabolite of nifedipine in human plasma. Dehydro Nifedipine inhibits glucose uptake in PC-12 cells with an IC₅₀ value of 130 μM. Nifedipine is a calcium channel blocker used in the treatment of hypertension and angina. Dehydronifedipine is formed when it is metabolized by cytochrome P450 (CYP) isomers CYP3A4 and CYP3A5.