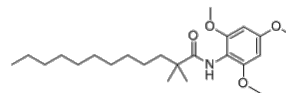


Product Name : CI-976
Synonyms : PD 128042
Cat No. : M10507
CAS Number : 114289-47-3
Molecular Formula : C₂₃H₃₉NO₄
Formula Weight : 393.57
Chemical Name : 2,2-dimethyl-N-(2,4,6-trimethoxyphenyl)-dodecanamide



Description : CI-976 (PD 128042) is a potent, selective, orally bioavailable inhibitor of ACAT-1 (Acetyl-CoA acetyltransferase 1) with IC₅₀ of 73 nM; decreases plasma total cholesterol, very low density lipoprotein (VLDL) cholesterol, LDL cholesterol, apolipoprotein B, liver cholesteryl esters, and VLDL and LDL cholesteryl ester content in rabbits. Atherosclerosis Discontinued

Pathway : Others

Target : Other Targets

Receptor : Other Targets

Solubility : —

SMILES : CCCCCCCCCCC(C)(C)C(=O)NC1=C(C=C(C=C1OC)OC)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Field FJ, et al. Lipids. 1991 Jan;26(1):1-8.| 2. O'Brien PM, et al. J Med Chem. 1994 Jun 10;37(12):1810-22.| 3. Krause BR, et al. J Lipid Res. 1993 Feb;34(2):279-94.| 4. Baba T, et al. Mol Cell Biochem. 2013 Apr;376(1-2):151-61.