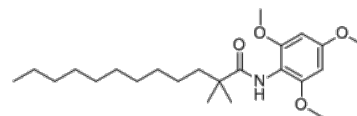


Product Name : CI-976
Cat. No. : PC-62403
CAS No. : 114289-47-3
Molecular Formula : C₂₃H₃₉NO₄
Molecular Weight : 393.568
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

CI-976 (PD 128042) is a potent, selective, orally bioavailable inhibitor of **ACAT-1** (Acetyl-CoA acetyltransferase 1) with IC₅₀ of 73 nM.

CI-976 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.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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