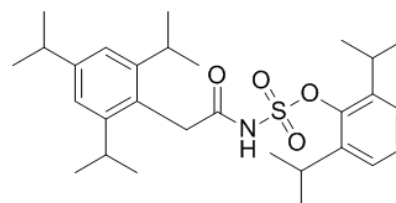


Product Name : Avasimibe
Cat. No. : PC-43398
CAS No. : 166518-60-1
Molecular Formula : C₂₉H₄₃NO₄S
Molecular Weight : 501.72102
Target : Other Targets
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

Avasimibe (CI-1011, PD-148515) is a potent, selective inhibitor of acyl-CoA: cholesterol O-acyl transferase (ACAT) with IC₅₀ of 60 nM; potently reduces plasma cholesterol in chow-fed rats and in rabbits fed a cholesterol-free, casein-containing diet characterized by both hepatic overproduction of apo B-containing lipoproteins and delayed lipoprotein clearance; decreases both VLDL and LDL apolipoprotein B production in miniature pigs; synergistically reduces cholesteryl ester content in THP-1 macrophages combined with Atorvastatin,
Dyslipidemia
Phase 3 Discontinued

References

- Lee HT, et al. J Med Chem. 1996 Dec 20;39(26):5031-4.
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Burnett JR, et al. J Lipid Res. 1999 Jul;40(7):1317-27.
Llaverías G, et al. Eur J Pharmacol. 2002 Sep 6;451(1):11-7.

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

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