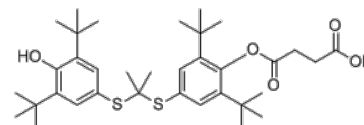


Product Name : AGI-1067
Cat. No. : PC-61236
CAS No. : 216167-82-7
Molecular Formula : C₃₅H₅₂O₅S₂
Molecular Weight : 616.916
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

AGI-1067 (Succinobucol) is a potent inhibitor of **TNF- α** -inducible expression of VCAM-1, MCP-1 and E-selectin (IC₅₀=6,10 and 25 μ M) with concurrent antioxidant and lipid-modulating properties.

AGI-1067 (Succinobucol) inhibits atherosclerosis in LDL receptor-deficient and apolipoprotein E-deficient mice.

AGI-1067 (Succinobucol) also reduces VCAM-1 and MCP-1 mRNA levels in lungs of LPS-stimulated mice.

AGI-1067 (Succinobucol) inhibits atherosclerosis not only via its lipid-lowering effects but also by having direct anti-inflammatory effects on the vessel wall.

References

Sundell CL, et al. *J Pharmacol Exp Ther.* 2003 Jun;305(3):1116-23.

Meng CQ, et al. *Bioorg Med Chem Lett.* 2002 Sep 16;12(18):2545-8.

Tardif JC, et al. *Circulation.* 2003 Feb 4;107(4):552-8.

Kunsch C, et al. *J Pharmacol Exp Ther.* 2004 Mar;308(3):820-9.

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

E-mail: tech@probechem.com