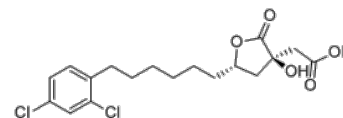


Product Name : SB204990
Cat. No. : PC-62188
CAS No. : 154566-12-8
Molecular Formula : C₁₈H₂₂Cl₂O₅
Molecular Weight : 389.27
Target : ATP Citrate Lyase (ACL)
Solubility : 10 mM in DMSO



Biological Activity

SB204990 is the cell-penetrant, orally active gamma-lactone prodrug of the potent **ATP citrate-lyase (ACLY)** inhibitor SB-201076.

SB204990 inhibits cholesterol and fatty acid synthesis in HepG2 cells and reduces plasma triglyceride levels in vivo.

SB204990 induces clear hypocholesterolemic and hypotriglyceridaemic responses in rats.

References

Pearce NJ, et al. *Biochem J.* 1998 Aug 15;334 (Pt 1):113-9.

Bracha AL, et al. *Nat Chem Biol.* 2010 Mar;6(3):202-204.

Hatzivassiliou G, et al. *Cancer Cell.* 2005 Oct;8(4):311-21.

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

E-mail: tech@probechem.com