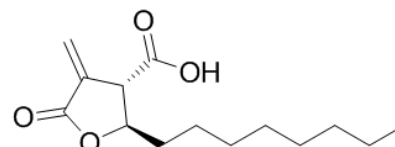


Product Name : trans-C75
Cat. No. : PC-43006
CAS No. : 191282-48-1
Molecular Formula : C₁₄H₂₂O₄
Molecular Weight : 254.3221
Target : Fatty Acid Synthase
Solubility : 10 mM in DMSO



Biological Activity

trans-C75 is an enantiomer of FASN inhibitor C75, which is a synthetic, slow-binding inhibitor of mammalian FAS, binds to and inhibits mammalian FAS and inhibits fatty acid synthesis in human cancer cells (SKBR3 cells ID₅₀=3.2 ug/mL).

References

- Kuhajda FP, et al. *Proc Natl Acad Sci U S A*. 2000 Mar 28;97(7):3450-4.
Gao S, et al. *Proc Natl Acad Sci U S A*. 2003 May 13;100(10):5628-33.
Thupari JN, et al. *Proc Natl Acad Sci U S A*. 2002 Jul 9;99(14):9498-502.

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

E-mail: tech@probechem.com