

Title (en)
RNA INTERFERENCE MEDIATED INHIBITION OF STEAROYL-COA DESATURASE (SCD) GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (SINA)

Title (de)
RNA-INTERFERENZ-VERMITTELTE HEMMUNG DER EXPRESSION DES STEAROYL-COA-DESATURASE (SCD)-GENS UNTER VERWENDUNG VON SINA (SHORT INTERFERING NUCLEIC ACID)

Title (fr)
INHIBITION MEDIEE DE L'INTERFERENCE D'ARN DE L'EXPRESSION DU GENE DE LA STEAROYL-COA DESATURASE (SCD) AU MOYEN D'ACIDES NUCLEIQUES D'INTERFERENCE COURTS

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Application
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Abstract (en)
[origin: WO03070885A2] The present invention concerns methods and reagents useful in modulating Stearoyl-CoA desaturase (SCD) gene expression in a variety of applications, including use in therapeutic, diagnostic, target validation, and genomic discovery applications. Specifically, the invention relates to small nucleic acid molecules, such as short interfering nucleic acid (siNA), short interfering RNA (siRNA), double-stranded RNA (dsRNA), micro-RNA (miRNA), and short hairpin RNA (shRNA) molecules capable of mediating RNA interference (RNAi) against Steraroyl-CoA desaturase (SCD) gene expression and/or activity. The siNA molecules are useful in the treatment of diabetes (type I and/or type II), atherosclerosis, cancer, obesity, and viral infection, and any other condition that responds to modulation of SCD expression or activity.

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