

Title (en)
2'-SUBSTITUTED OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR USE IN GENE MODULATIONS

Title (de)
2'-SUBSTITUIERTE OLIGOMERE VERBINDUNGEN UND ZUSAMMENSETZUNGEN ZUR VERWENDUNG BEI GENMODULATIONEN

Title (fr)
COMPOSES OLIGOMERES 2'-SUBSTITUES ET COMPOSITIONS DESTINEES A ETRE UTILISEES DANS DES MODULATIONS GENETIQUES

Publication
EP 1563070 A2 20050817 (EN)

Application
EP 03786574 A 20031104

Priority

- US 0335087 W 20031104
- US 42376002 P 20021105
- US 50352103 P 20030916

Abstract (en)
[origin: WO2004043977A2] Compositions comprising first and second oligomers are provided wherein at least a portion of the first oligomer is capable of hybridizing with at least a portion of the second oligomer, at least a portion of the first oligomer is complementary to and capable of hybridizing to a selected target nucleic acid, and at least one of the first or second oligomers includes a modified sugar and/or backbone modification. In some embodiments the modification is a 2'-F substituent group on a sugar moiety. Oligomer/protein compositions are also provided comprising an oligomer complementary to and capable of hybridizing to a selected target nucleic acid and at least one protein comprising at least a portion of an RNA-induced silencing complex (RISC), wherein at least one nucleoside of the oligomer has a modified sugar and/or backbone modification.

IPC 1-7
C12N 15/11; **C12Q 1/68**; **A61K 48/00**

IPC 8 full level
A01N 43/04 (2006.01); **A61K 48/00** (2006.01); **C07H 21/00** (2006.01); **C07H 21/02** (2006.01); **C07H 21/04** (2006.01); **C12N 15/113** (2010.01); **C12P 19/34** (2006.01); **C12Q 1/68** (2006.01)

IPC 8 main group level
C07H (2006.01); **C12N** (2006.01)

CPC (source: EP)
C07H 21/00 (2013.01); **C07H 21/02** (2013.01); **C07H 21/04** (2013.01); **C12N 15/1135** (2013.01); **C12N 15/1137** (2013.01); **C12N 2310/11** (2013.01); **C12N 2310/14** (2013.01); **C12N 2310/315** (2013.01); **C12N 2310/321** (2013.01); **C12N 2310/322** (2013.01); **C12N 2310/341** (2013.01); **C12N 2310/345** (2013.01); **C12N 2310/346** (2013.01); **C12N 2310/53** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004043977 A2 20040527; **WO 2004043977 A3 20050120**; AU 2003287464 A1 20040603; AU 2003287464 A8 20040603; AU 2003291682 A1 20040603; AU 2003291682 A8 20040603; AU 2003295388 A1 20040603; AU 2010201712 A1 20100520; AU 2010201712 B2 20120531; CA 2504554 A1 20040527; EP 1563070 A2 20050817; EP 1563070 A4 20080528; WO 2004043978 A2 20040527; WO 2004043978 A3 20050407; WO 2004044140 A2 20040527; WO 2004044140 A3 20050414

DOCDB simple family (application)
US 0334905 W 20031104; AU 2003287464 A 20031104; AU 2003291682 A 20031104; AU 2003295388 A 20031104; AU 2010201712 A 20100429; CA 2504554 A 20031104; EP 03786574 A 20031104; US 0334906 W 20031104; US 0335087 W 20031104