

Title (en)  
OLIGONUCLEOTIDES HAVING PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY

Title (de)  
OLIGONUKLEOTIDE MIT PHOSPHOROTHIOAT-BINDUNGEN VON HOHER CHIRALER REINHEIT

Title (fr)  
OLIGONUCLEOTIDES DE GRANDE PURETE CHIRALE AYANT DES LIAISONS PHOSPHOROTHIOATE

Publication  
**EP 0831854 A1 19980401 (EN)**

Application  
**EP 96921270 A 19960605**

Priority

- US 9608757 W 19960605
- US 47196795 A 19950606
- US 46759795 A 19950606
- US 46844795 A 19950606
- US 46856995 A 19950606
- US 46669295 A 19950606
- US 47196695 A 19950606
- US 46985195 A 19950606
- US 47012995 A 19950606

Abstract (en)  
[origin: WO9639154A1] Sequence-specific phosphorothioate oligonucleotides comprising nucleoside units which are joined together by either substantially all Sp or substantially all Rp phosphorothioate intersugar linkages are provided. Such sequence-specific phosphorothioate oligonucleotides having substantially chirally pure intersugar linkages are prepared by enzymatic or chemical synthesis.

IPC 1-7  
**A61K 31/70**; **C07H 21/00**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 31/70** (2006.01); **A61K 31/7088** (2006.01); **A61K 31/7125** (2006.01); **A61K 48/00** (2006.01); **A61P 1/16** (2006.01); **A61P 25/00** (2006.01); **A61P 27/02** (2006.01); **A61P 29/00** (2006.01); **A61P 31/12** (2006.01); **A61P 31/14** (2006.01); **A61P 31/18** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07H 21/00** (2006.01); **C07H 21/04** (2006.01); **C12N 15/113** (2010.01)

CPC (source: EP)  
**A61P 1/16** (2017.12); **A61P 25/00** (2017.12); **A61P 27/02** (2017.12); **A61P 29/00** (2017.12); **A61P 31/12** (2017.12); **A61P 31/14** (2017.12); **A61P 31/18** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C12N 15/1131** (2013.01); **C12N 15/1132** (2013.01); **C12N 15/1133** (2013.01); **C12N 15/1135** (2013.01); **C12N 15/1137** (2013.01); **C12N 15/1138** (2013.01); **C12N 2310/315** (2013.01)

Cited by  
US10322173B2; US10144933B2; US10149905B2; US10428019B2; US9617547B2; US9744183B2; US10307434B2; US10160969B2; US10167309B2; US9605019B2; US9695211B2; US10280192B2; US10329318B2; US9982257B2; US10590413B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9639154 A1 19961212**; AU 6252896 A 19961224; AU 698739 B2 19981105; CA 2223103 A1 19961212; EP 0831854 A1 19980401; EP 0831854 A4 20010124; JP 2001103987 A 20010417; JP 2001114798 A 20010424; JP H10510433 A 19981013; NO 975558 D0 19971202; NO 975558 L 19980126

DOCDB simple family (application)  
**US 9608757 W 19960605**; AU 6252896 A 19960605; CA 2223103 A 19960605; EP 96921270 A 19960605; JP 2000262865 A 20000831; JP 2000262871 A 20000831; JP 50125497 A 19960605; NO 975558 A 19971202