

Title (en)  
BIOCONJUGATION OF OLIGONUCLEOTIDES

Title (de)  
BIOKONJUGATION VON OLIGONUKLEOTIDEN

Title (fr)  
BIOCONJUGAISON D'OLIGONUCLEOTIDES

Publication  
**EP 1015629 A1 20000705 (EN)**

Application  
**EP 98903461 A 19980107**

Priority  
• US 9800589 W 19980107  
• US 3465197 P 19970108  
• US 5820697 P 19970908

Abstract (en)  
[origin: WO9830720A1] This invention discloses a novel method for conjugating RNA oligonucleotides with other molecular entities exclusively at the 5'-position of the oligonucleotide. Specifically, this invention discloses a method for conjugating or derivatizing RNA oligonucleotides via transcription in the presence of a 5'-modified guanosine. Included in the invention are the novel bioconjugated oligonucleotides that can be prepared according to the method of the invention.

IPC 1-7  
**C12Q 1/68**; **C12P 19/34**; **C07H 21/02**

IPC 8 full level  
**C07H 19/067** (2006.01); **C07H 19/04** (2006.01); **C07H 19/10** (2006.01); **C07H 19/20** (2006.01); **C07H 21/00** (2006.01); **C07H 21/02** (2006.01); **C07H 21/04** (2006.01); **C08G 65/329** (2006.01); **C08G 85/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/113** (2010.01); **C12P 19/34** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)  
**C07H 19/04** (2013.01); **C07H 21/00** (2013.01); **C12N 15/113** (2013.01); **C12N 2310/351** (2013.01)

Citation (search report)  
See references of WO 9830720A1

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 9830720 A1 19980716**; AU 6022798 A 19980803; CA 2277545 A1 19980716; EP 1015629 A1 20000705; JP 2001508657 A 20010703

DOCDB simple family (application)  
**US 9800589 W 19980107**; AU 6022798 A 19980107; CA 2277545 A 19980107; EP 98903461 A 19980107; JP 53123098 A 19980107