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(54) Title: PYRROLIDINYL GROUPS FOR ATTACHING CONJUGATES TO OLIGOMERIC COMPOUNDS

(57) Abstract: The present invention provides pyrrolidinyl compounds that are useful for preparing conjugated oligomeric compounds. The conjugated pyrrolidinyl compounds can be attached to support medium and provide a free hydroxyl for oligomer synthesis to prepare an oligmeric compound having a 3'-conjugate. Alternatively, the pyrrolidinyl compound can be prepared as a phosphoramidite which can be placed internally or at the 5'-position of an oligomeric compound. These two strategies can be used together to prepare oligomeric compounds having 2 or more conjugates at any selected positions. The present invention also provides methods for modulating gene expression using the conjugated oligomeric compounds.

WO 2006/031461 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC: **C07H 21/00**(2006.01)

USPC: 536/25.32
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 536/25.32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
File CAPLUS structure search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/104249 A1 (JUNG et al.) 18 December 2003, see entire document.	1-39

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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