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(54) Title: PROPARGYL SUBSTITUTED NUCLEOSIDE COMPOUNDS AND METHODS

(57) Abstract: The present teachings relate to nucleobase, nucleoside and nucleotide compounds, methods of synthesis, and uses thereof. The present teachings provide compounds, such as nucleobase, nucleoside and/or nucleotide compounds including a propargyl linker, and methods for making or using such compounds.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07H19/06 C07H19/10 C07H21/02 C07H21/04

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)  
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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 practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 232 103 B1 (SHORT JAY M) 15 May 2001 (2001-05-15) the whole document	1-108
X	LAZREK, HASSAN B. ET AL: "Synthesis of novel branched nucleoside dimers containing a 1,2,3-triazolyl linkage" NUCLEOSIDES & NUCLEOTIDES, 17(9-11), 1851-1856 CODEN: NUNUD5; ISSN: 0732-8311, 1998, XP002929309 the whole document	1-108
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DUPRET, D.: "New technique for fine structure DNA analysis using hybridization with a set of modified oligonucleotides" BIOMEDICAL AND HEALTH RESEARCH , 23(HUMAN GENOME ANALYSIS), 244-255 CODEN: BIHREN; ISSN: 0929-6743, 1998, XP009047137 the whole document -----	1-108
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Y	YAN, YUAN ET AL: "Identification of nucleotides with identical fluorescent labels based on fluorescence polarization in surfactant solutions" ANALYTICAL CHEMISTRY , 73(18), 4508-4513 CODEN: ANCHAM; ISSN: 0003-2700, 2001, XP002331554 the whole document -----	1-108
Y	CA 2 411 514 A1 (PRESIDENT AND FELLOWS OF HARVARD COLLEGE) 14 September 2000 (2000-09-14) the whole document -----	1-108
Y	US 5 151 507 A (HOBBS, JR. ET AL) 29 September 1992 (1992-09-29) the whole document -----	1-108

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