

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 December 2005 (15.12.2005)

PCT

(10) International Publication Number
WO 2005/118608 A3

(51) International Patent Classification:

C07H 19/04 (2006.01) *C07H 19/20* (2006.01)
C07H 19/10 (2006.01) *C12Q 1/68* (2006.01)

(21) International Application Number:

PCT/IB2005/002488

(22) International Filing Date: 2 June 2005 (02.06.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/576,907 2 June 2004 (02.06.2004) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

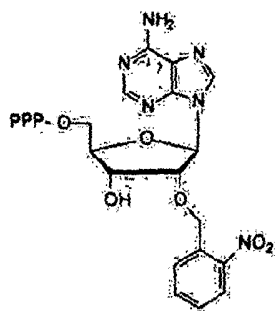
— with international search report

(88) Date of publication of the international search report:

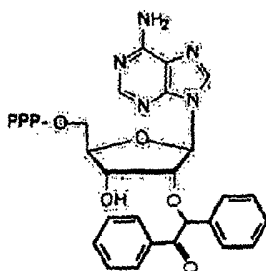
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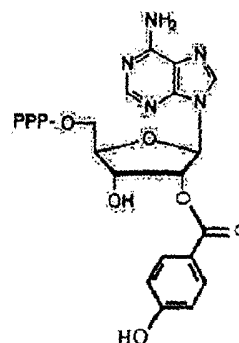
(54) Title: 2'-NITROBENZYL-MODIFIED RIBONUCLEOTIDES



2'-2-Nitrobenzyl-ATP



2'-desyl-ATP



2'-p-hydroxyphenacyl-ATP

(57) Abstract: This disclosure provides novel reversibly terminated ribonucleotides which can be used as a reagent for DNA sequencing reactions. Methods of sequencing nucleic acids using the disclosed nucleotides are also provided.

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2005/002488

A. CLASSIFICATION OF SUBJECT MATTER

C07H19/04 C07H19/10 C07H19/20 C12Q1/68

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)

C07H C12Q

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 136 543 A (ANAZAWA ET AL) 24 October 2000 (2000-10-24) figures 27-34	
A	----- METZKER M L ET AL: "TERMINATION OF DNA SYNTHESIS BY NOVEL 3'-MODIFIED-DEOXYRIBONUCLEOSIDE 5'-TRIPHOSPHATES" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 22, no. 20, 1994, pages 4259-4267, XP001068669 ISSN: 0305-1048 figures 1,2 ----- -/--	



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- * & * document member of the same patent family

Date of the actual completion of the international search

2 February 2006

Date of mailing of the international search report

10/02/2006

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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2005/002488

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SHIN, SEUNGJIN ET AL: "Synthesis and photoaffinity labeling of 3'(2')-O-(p- azidobenzoyl)-ATP" JOURNAL OF BIOCHEMISTRY AND MOLECULAR BIOLOGY , 30(3), 211-215 CODEN: JBMBE5; ISSN: 1225-8687, 1997, XP009060719</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2005/002488

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6136543 A	24-10-2000	WO 9833939 A1	06-08-1998