

Title (en)

MODIFIED NUCLEOTIDES FOR SYNTHESIS OF NUCLEIC ACIDS, A KIT CONTAINING SUCH NUCLEOTIDES AND THEIR USE FOR THE PRODUCTION OF SYNTHETIC NUCLEIC ACID SEQUENCES OR GENES

Title (de)

MODIFIZIERTEN NUKLEOTIDEN ZUR NUCLEINSÄURESYNTHESE, KIT ENTHALTEND SOLCHE NUCLEOTIDE UND IHRE VERWENDUNG ZUR HERSTELLUNG SYNTHETISCHER NUKLEINSÄURESEQUENZEN ODER GENE

Title (fr)

NUCLÉOTIDES MODIFIÉS POUR LA SYNTHÈSE D'ACIDES NUCLÉIQUES, UN KIT RENFERMANT DE TELS NUCLÉOTIDES ET LEUR UTILISATION POUR LA PRODUCTION DE GÈNES OU SÉQUENCES D'ACIDES NUCLÉIQUES SYNTHÉTIQUES

Publication

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Application

EP 15766907 A 20150901

Priority

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Abstract (en)

[origin: WO2016034807A1] A modified nucleotide, intended for the synthesis of long chain nucleic acids by enzymatic processes, comprising a "natural" nitrogenous base or a natural nitrogenous base analogue, a ribose or deoxyribose carbohydrate, and at least one phosphate group, characterized in that said nucleotide comprises at least one R group, termed the modifier group, carried by said nitrogenous base or analogue and/or by the oxygen in position 3' of the ribose or deoxyribose molecule, making it possible to block the polymerization of said nucleotide and/or to allow the interaction of said nucleotide with another molecule, such as a protein, during the nucleic acid synthesis, R comprising at least one functional terminal group.

IPC 8 full level

C07H 19/04 (2006.01); **C12N 15/10** (2006.01); **C12P 19/34** (2006.01)

CPC (source: CN EP IL KR US)

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Citation (search report)

See references of WO 2016034807A1

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