

Title (en)  
IMMUNOSTIMULATORY PROPERTIES OF OLIGONUCLEOTIDE-BASED COMPOUNDS COMPRISING MODIFIED IMMUNOSTIMULATORY DINUCLEOTIDES

Title (de)  
IMMUNSTIMULIERENDE EIGENSCHAFTEN VON VERBINDUNGEN AUF OLIGONUKLEOTIDBASIS, DIE MODIFIZIERTE IMMUNSTIMULIERENDE DINUKLEOTIDE ENTHALTEN

Title (fr)  
PROPRIETES IMMUNOSTIMULATRICES DE COMPOSES A BASE D'OLIGONUCLEOTIDES COMPRENANT DES DINUCLEOTIDES IMMUNOSTIMULATEURS MODIFIES

Publication  
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Application  
**EP 05851389 A 20051107**

Priority  
US 2005040215 W 20051107

Abstract (en)  
[origin: WO2007055682A2] The invention relates to the therapeutic use of oligonucleotides as immunostimulatory agents in immunotherapy applications. More particularly, the invention provides an immunostimulatory oligonucleotides for use in methods for generating an immune response or for treating a patient in need of immunostimulation. The immunostimulatory oligonucleotides of the invention preferably comprise novel purines. The immunostimulatory oligonucleotides according to the invention further comprise at least two oligonucleotides linked at their 3' ends, internucleoside linkages or functionalized nucleobase or sugar to a non-nucleotidic linker, at least one of the oligonucleotides being an immunostimulatory oligonucleotide and having an accessible 5' end.

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Citation (search report)  
• [A] WO 2004064782 A2 20040805 - HYBRIDON INC [US]  
• [A] YU DONG ET AL: "Immunomers: Novel 3'-3'-linked CpG oligodeoxyribonucleotides as potent immunomodulatory agents", NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 30, no. 20, 15 October 2002 (2002-10-15), pages 4460 - 4469, XP002447831, ISSN: 0305-1048, DOI: 10.1093/NAR/GKF582  
• [T] YU DONG ET AL: "Agonists of Toll-like receptor 9 containing synthetic dinucleotide motifs", JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 50, no. 25, 11 August 2007 (2007-08-11), pages 6411 - 6418, XP002590545, ISSN: 0022-2623, [retrieved on 20071108], DOI: 10.1021/JM0708811  
• See references of WO 2007055682A2

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