

Title (en)

ADENOSINE OR DEOXYADENOSINE DERIVATIVES MODIFIED AT POSITION 8 AND A METHOD OF SYNTHESIS THEREOF

Title (de)

AN POSITION 8 MODIFIZIERTE ADENOSIN- ODER DEOXYADENOSINDERIVATE UND SYNTHESEVERFAHREN DAFÜR

Title (fr)

DÉRIVÉS D'ADÉNOSINE OU DE DÉSOXYADÉNOSINE MODIFIÉS EN POSITION 8 ET LEUR PROCÉDÉ DE SYNTHÈSE

Publication

**EP 2714708 A1 20140409 (EN)**

Application

**EP 12731710 A 20120529**

Priority

- IT TO20110468 A 20110530
- IB 2012052675 W 20120529

Abstract (en)

[origin: WO2012164484A1] New derivatives of adenosine and deoxyadenosine modified at position 8 of the purine ring, of general formula (I) are described, which are suitable to be conjugated with functional molecules such as chromophores, fluorophores and intercalating residues, and suitable to be incorporated within synthetic oligonucleotides. A method for the synthesis of the above-mentioned derivatives is also described, which allows the obtainment thereof in high yields and by simple methods. Formula (I), wherein Z is selected from (a) and (b).

IPC 8 full level

**C07H 21/04** (2006.01); **C07H 19/173** (2006.01)

CPC (source: EP)

**C07H 19/173** (2013.01); **C07H 21/04** (2013.01)

Citation (search report)

See references of WO 2012164484A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012164484 A1 20121206**; EP 2714708 A1 20140409; IT TO20110468 A1 20121201

DOCDB simple family (application)

**IB 2012052675 W 20120529**; EP 12731710 A 20120529; IT TO20110468 A 20110530