

Title (en)

MARKED MALEIMIDE COMPOUNDS, METHOD FOR PREPARING SAME AND USE THEREOF FOR MARKING MACROMOLECULES

Title (de)

MARKIERTE MALEIMIDVERBINDUNGEN, VERFAHREN ZU DEREN HERSTELLUNG UND VERWENDUNG ZUR MARKIERUNG VON MAKROMOLEKÜLEN

Title (fr)

COMPOSES DE MALEIMIDES MARQUES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR LE MARQUAGE DE MACROMOLECULES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004002984A2] The invention concerns maleimide compounds marked with Fluor 18 of general formula (I), wherein: m represents an integer from 0 to 10; n represents an integer from 1 to 10; Y represents a group selected among optionally substituted heterocyclic, monocyclic or bicyclic groups; X represents a radical of formula (U) a -((CR1R2) b -(V) c) d -((CR3R4) e- (W) f) g-, wherein: a, b, c, d, e, f, g represent each independently an integer from 1 to 10; 0 A 10; U, V and W represent each independently -NR1-, -O-, -S-, formula (II), ethynyl, -CR1=CR2-, -(C=O)-, -(C=S)-, -C=NR1-, -C(=O) O-, -(C=S) S-, -C(=NR1)NR2-, -CR1R2-, -CR1OR2-, -CR1NR2R3. The invention also concerns a method for preparing said compounds, their use for marking macromolecules and complexes of said compounds with a macromolecule. The invention further concerns a kit for analysis, detection, or diagnosis using said complexes. The invention finally concerns the use of the complexes in a medical imaging method such as position emission tomography (PET).<>

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See references of WO 2004002984A2

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