

Title (en)
CONJUGATES OF MACROCYCLIC METAL COMPLEXES WITH BIOMOLECULES AND THE UTILIZATION THEREOF FOR PRODUCING AGENTS FOR USE IN NMR DIAGNOSIS AND RADIODIAGNOSIS AND RADIOTHERAPY

Title (de)
KONJUGATE MAKROCYCLISCHER METALLKOMPLEXE MIT BIOMOLEKÜLEN UND DEREN VERWENDUNG ZUR HERSTELLUNG VON MITTELEN FÜR NMR- UND RADIODIAGNOSTIK SOWIE DIE RADIOTHERAPIE

Title (fr)
CONJUGUES DE COMPLEXES METALLIQUES MACROCYCLIQUES CONTENANT DES BIOMOLECULES ET LEUR UTILISATION DANS LA PRODUCTION D'AGENTS DESTINES AU RADIODIAGNOSTIC ET AU DIAGNOSTIC PAR RESONANCE MAGNETIQUE AINSI QU'A LA RADIOTHERAPIE

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Abstract (en)
[origin: WO03013617A2] The invention relates to conjugates comprised of macrocyclic metal complexes with biomolecules and to the production thereof. The conjugates are suited for use as contrast agents in NMR diagnosis and radiodiagnosis and as agents for radiotherapy. A high relaxivity is achieved and a fine tuning of the relaxivity is made possible by a special liganding of the macrocycles.

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Citation (search report)
See references of WO 03013617A2

Citation (examination)
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• EP 0565930 A1 19931020 - NIHON MEDIPHYSICS CO LTD [JP]
• WOODS ET AL: "Correlation of water exchange rate with isomeric composition in diastereoisomeric Gd complexes of tetra(carboxyethyl)dota and related macrocyclic ligands", JACS, vol. 122, no. 40, 2000, pages 9781 - 9792, XP009058154, DOI: doi:10.1021/ja994492v

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