

Title (en)

BIFUNCTIONAL SULPHIDE-CONTAINING SULPHONAMIDE S 2?NY-TYPE CHELATE-FORMING AGENTS FOR RADIOISOTOPES

Title (de)

BIFUNKTIONELLE SULFIDHALTIGE SULFONAMID-CHELATBILDNER VOM TYP S 2 NY FÜR RADIOAKTIVE ISOTOPE

Title (fr)

AGENTS DE CHELATION AMIDOSULFONIQUES SULFURES BIFONCTIONNELS DU TYPE S 2?NY POUR ISOTOPES RADIOACTIFS

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19536785A1] The invention concerns novel compounds of general formula (I), M-L, in which M stands for a radioisotope of Tc or Re and L stands for a ligand of general formula (II) $R<1>S-CR<2>R<3>-(CR<4>R<5>)n=1,2-S-CHR<6>-CHR<7>-SO_2-NH-(CR<8>R<9>)m=1,2-CO-B$ in which $R<1>$, $R<2>$, $R<3>$, $R<4>$, $R<5>$, $R<6>$, $R<7>$, $R<8>$, and $R<9>$ can have different meanings and B stands for a further group which is suitable for the dative bond of metal ions and for the coupling to selectively concentrating compounds. The novel compounds are used for complexing technetium and rhenium and are applied in medical diagnostics and therapy.

IPC 1-7

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IPC 8 full level

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