

Title (en)

METHOD FOR PREPARING A CHELATING LIGAND DERIVED FROM PCTA

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES CHELATBILDENDEN LIGANDEN AUS PCTA

Title (fr)

PROCEDE DE PREPARATION D'UN LIGAND CHELATEUR DERIVE DE PCTA

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Application

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Abstract (en)

[origin: WO2022013454A1] The present invention relates to a method for preparing the macrocyclic ligand of formula (L) comprising i) decomplexing the complex of formula (II) consisting of at least 80% of a diastereoisomeric excess comprising a mixture of isomers II-RRR and II-SSS of formulae (IISSS) (II-RRR), ii) eliminating the gadolinium salt formed during step i), for example by filtration, and iii) recovering the free macrocyclic ligand of formula (L). The present invention also relates to a composition comprising the diastereoisomerically enriched complex of formula (II) and the macrocyclic ligand of formula (L).

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