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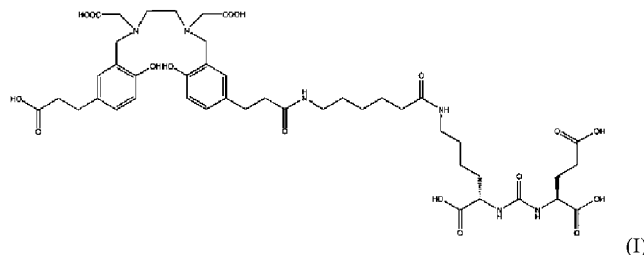
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(54) Title: METHODS FOR RADIOLABELING PSMA BINDING LIGANDS AND THEIR KITS



(57) Abstract: The present invention relates to methods for labeling a PSMA binding ligand with a radioactive isotope, preferably ^{68}Ga , ^{67}Ga or ^{64}Cu , said method comprising the steps of: i. providing a single vial comprising, in dried form, said PSMA binding ligand of the following formula (I): (I) at least one buffering agent, sodium chloride and a stabilizer against radiolytic degradation, ii. adding a solution of said radioactive isotope into said single vial, thereby obtaining a solution of said PSMA binding ligand of formula (I) with said radioactive isotope, iii. mixing the solution obtained in ii., and incubating it for a sufficient period of time for obtaining said PSMA binding ligand labelled with said radioactive isotope, and, iv. optionally, adjusting the pH of the solution.



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