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(71) Applicant: **LIFE MOLECULAR IMAGING LIMITED**

[GB/GB]; Icen Centre, Warwick Technology Park Gallows
Hill, Warwick CV34 6DA (GB).

(72) Inventors: **ZERNA, Marion**; Greifswalder Straße 228,
10405 Berlin (DE). **SCHIEFERSTEIN, Hanno**; Auweg
12, 65326 Aarbergen (DE). **BERNDT, Mathias**; Reutlinger
Str. 5, 12247 Berlin (DE).

(74) Agent: **KILGER, Ute**; BOEHMERT & BOEHMERT An-
waltspartnerschaft mbB, Hollerallee 32, 28209 Bremen
(DE).

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(54) Title: A NOVEL KIT FOR RADIOPHARMACEUTICAL PREPARATION OF A RADIOMETAL LABELED CHELATE-FUNCTIONALIZED TARGETING CONJUGATE

(57) Abstract: Subject matter of the present invention is a lyophilized kit formulation for the preparation of radiometal labeled chelate-functionalized GRP receptor targeting conjugates comprising • a chelate-functionalized GRP receptor targeting conjugate comprising i. a chelating moiety ii. at least one targeting moiety, wherein said targeting moiety is a GRP receptor (GRPr) targeting peptide, and iii. optionally, at least one linker, connecting the chelating moiety with the GRP receptor (GRPr) targeting moiety, and • at least one GRP receptor (GRPr) targeting moiety, • at least one non-reducing sugar selected from the group comprising trehalose and sucrose, and • at least one radio stabilizer, selected from the group comprising ascorbic acid, ascorbic acid salts, gentisic acid, gentisic acid salts, or mixtures thereof.



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