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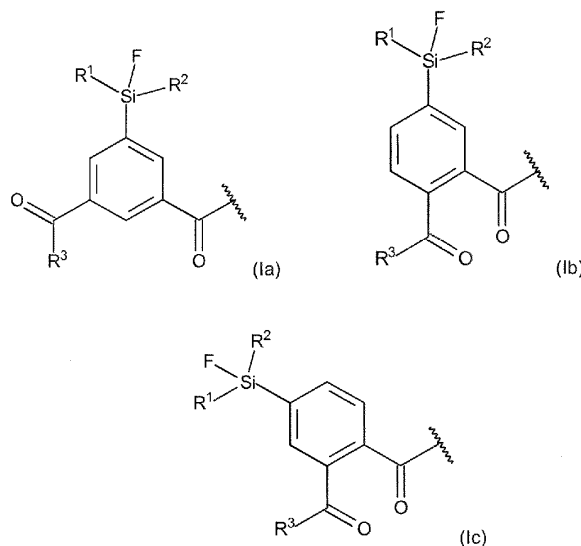
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(54) Title: SILICON-BASED FLUORIDE ACCEPTOR GROUPS FOR RADIOPHARMACEUTICALS



(57) Abstract: The invention relates to novel silicon-based fluoride acceptor groups (SiFA groups) of the following formulae (Ia, Ib, Ic) as well as to compounds suitable for use in radiopharmacy comprising such groups, wherein R^1 and R^2 are each a linear or branched C3 to C10 alkyl group and R^3 is selected from (i) -OH or -O-, (ii) a sugar moiety or an amino sugar moiety, (iii) an amino acid moiety or an oligopeptide moiety, (iv) a PEG moiety; and from combinations of two or more of (ii), (iii) and (iv).

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