

Title (en)
COMPOUNDS THAT ASSOCIATE ON THE INTERMOLECULAR LEVEL AND AGGREGATE BODIES THAT CONTAIN THEM

Title (de)
INTERMOLEKULAR ASSOZIIERENDE VERBINDUNGEN UND DIESE UMFASSENDE AGGREGATE

Title (fr)
COMPOSES A ASSOCIATION INTERMOLECULAIRE ET AGREGATS ENGLOBANT CES COMPOSES

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Abstract (en)
[origin: DE19930177A1] The invention relates to a compound of the general formula (I) X(B)_m, wherein X is a unit of the value m and the members B are the same or different and represent K-R, wherein K represents a bond or A<1>-(A<2>-A<3>)k-sp, wherein A<1> is (CH₂)_tY(CH₂)_u, wherein Y is >C=O, >NH, -O-, -S- or a bond, t is an integer from 0 to 6 and u is an integer from 0 to 6, A<2> represents -NHCO-, -CONH-, -OCONH- or SCONH-, or -CO-, A<3> is (CH₂)_r, O(CH₂)_r, NH(CH₂)_r, S(CH₂)_r, or -(CHQ)-, wherein r is an integer from 1 to 6 and Q is a substituted or unsubstituted alkyl or aryl group, sp represents a bivalent spacer or a bond, and k is an integer from 5 to 100, and R represents hydrogen, a ligand that is suitable to specifically bind to a receptor, a marker molecule or a catalytically active group, and m is at least 2, with the proviso that (1) in the compound at least one R is different from hydrogen, (2) at least 2 K are present that do not represent a bond, and (3) X, the members B and m are selected in such a manner that K can be associated on the intermolecular level in the liquid phase by the formation of hydrogen bonds and the simultaneous formation of aggregate bodies that represent on their surfaces several R that are different from hydrogen, and (4) the molar mass of fragment X(K)_m is less than 20.000.

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"Biochemical organic compounds for research and diagnostic agents", 1991, SIGMA CHEMICAL COMPANY, article "POLYGLYCINE", pages: 1717

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