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(54) Title: MOLECULAR LINKERS SUITABLE FOR CRYSTALLIZATION AND STRUCTURAL ANALYSIS OF MOLECULES OF INTEREST, METHOD OF USING SAME, AND METHODS OF PURIFYING G PROTEIN-COUPLED RECEPTORS

(57) Abstract: A method of crystallizing a molecule-of-interest is disclosed. The method comprises (a) contacting molecules of the molecule-of-interest with at least one type of heterologous molecular linker being capable of interlinking at least two molecules of said molecule-of-interest to thereby form a crystallizable molecular complex of defined geometry; and (b) subjecting said crystallizable molecular complex to crystallization-inducing conditions, thereby generating the crystal containing said molecule-of-interest.

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According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LUBKOWSKI et al. Filamentous phage infection: crystal structure of g3p in complex with its coreceptor, the c-terminal domain of ToIA. Structure. June 1999, Vol. 7, No. 6, pages 711-722, see page 711.	1-4, 78-80, 104
X	SCHMIDT et al. Molecular interaction Between the Strep-tag affinity peptide and its cognate target, streptavidin. J. Mol. Biol. 1996, Vol. 255, No. 5, pages 753-766, see pages 753-755.	1-3, 8, 17-18, 29-33, 37-40, 44-50, 59-68, 78-79, 84, 100, 102-104, 108-111
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