

Title (en)  
PEPTIDES AND PEPTIDOMIMETIC COMPOUNDS AFFECTING THE ACTIVITY OF G-PROTEIN-COUPLED RECEPTORS BY ALTERING RECEPTOR OLIGOMERIZATION

Title (de)  
PEPTIDE UND PEPTIDOMIMETISCHE MOLEKÜLE DIE, DURCH DIE VERÄNDERUNG DES REZEPTOR OLIGOMERIZATIONSVERFAHREN DIE AKTIVITÄT VON G-PROTEIN-GEKOPPELTE REZEPTOREN BEHINDERN

Title (fr)  
PEPTIDES ET COMPOSES PEPTIDOMIMETIQUES AFFECTANT L'ACTIVITE DES RECEPTEURS COUPLES A LA PROTEINE G PAR MODIFICATION DE L'OLIGOMERISATION DES RECEPTEURS

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Application  
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Abstract (en)  
[origin: WO9800538A2] This invention relates to peptides and peptidomimetic compounds that modulate the function of G-protein-coupled receptors by affecting the ratio of receptor monomer to homo-oligomeric forms. Novel short peptides of a preferred length of up to about 15-20 amino acid residues are modeled on transmembrane domains of G-protein-coupled receptors, whose activities are affected by the formation of oligomers. These novel peptides and peptidomimetic compounds can be used to selectively affect the activity of G-protein-coupling receptors, thereby functioning as potential therapeutic drugs, etc.. A preferred peptide is GIIMGFTFTLCWLPFFIVNIV.

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