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

Publication

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Application

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Priority

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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 GIIMGTFTLCWLPFFIVNIV.

IPC 1-7

C12N 15/12; C07K 14/705; C07K 7/08; A61K 38/10; A61K 38/17; G01N 33/68; C07K 14/72; C07K 14/715

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CPC (source: EP)

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