

Title (en)

Y2 SELECTIVE RECEPTOR AGONISTS FOR THERAPEUTIC INTERVENTIONS

Title (de)

Y2-SELEKTIVE REZEPTORAGONISTEN FÜR THERAPEUTISCHE INTERVENTIONEN

Title (fr)

AGONISTES SELECTIFS DU RECEPTEUR Y2 UTILISES DANS DES INTERVENTIONS THERAPEUTIQUES

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Application

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Abstract (en)

[origin: WO2005089789A2] Y receptor agonists other than PYY 3-36, which are selective for the Y2 receptor over the Y1 and Y4 receptors, and their use in the treatment of conditions responsive to activation of Y2 receptors, are disclosed. Broadly, a Y2-selective agonist is one which (a) is a PP-fold peptide or PP-fold peptide mimic selected from PYY, NPY, PYY mimics and NPY mimics which have a C-terminal Y2 receptor-recognition amino acid sequence and have various modifications relative to the natural peptides or (b) a PP-fold peptide or PP-fold peptide mimic selected from PP and PP-mimics which have a C-terminal Y2 receptor-recognition amino acid sequence and which have various modifications relative to the natural peptide or (c) comprise a C-terminal Y2 receptor-recognition amino acid sequence fused at its N-terminus to an amphiphilic amino acid sequence domain comprising at least one alpha helical turn adjacent the N-terminus of the said Y2 receptor-recognition sequence, said turn being constrained in a helical configuration by a covalent intramolecular link, and (ii), in the case where the agonist has an N-terminal structure analogous to NPY or PYY, having one or more of the modifications listed in (a) above and, in the case where the agonist has an N-terminal structure analogous to PP, having one or more of the modifications listed in (b) above.

IPC 8 full level

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See references of WO 2005089789A2

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