

Title (en)

METHOD OF ASSAYING COMPOUNDS WHICH AFFECT THE ACTIVITY OF G PROTEIN-COUPLED RECEPTORS BASED ON MEASUREMENT OF RECEPTOR OLIGOMERIZATION

Title (de)

AUF DER MESSUNG DER REZEPTOROLIGOMERISATION BERUHENDES VERFAHREN ZUM TESTEN VON VERBINDUNGEN, DIE AKTIVITÄT VOM G-PROTEIN GEKOPPELTEN REZEPTOREN BEEINFLUSSEN

Title (fr)

PROCEDE QUI PERMET D'ANALYSER DES COMPOSES AFFECTANT L'ACTIVITE DE RECEPTEURS COUPLES A UNE PROTEINE G, ET QUI CONSISTE A MESURER L'OLIGOMERISATION DES RECEPTEURS

Publication

EP 0939902 A2 19990908 (EN)

Application

EP 97928072 A 19970630

Priority

- CA 9700455 W 19970630
- US 2071796 P 19960701

Abstract (en)

[origin: WO9800715A2] This invention is a new method of assaying compounds that modulate the activity of G protein-coupled receptors based on measurement of changes in the relative proportions of monomeric to multimeric receptor polypeptides. More specifically, techniques are described herein which permit the prediction of the pharmacological efficacy of drug candidates based solely on the ability of the candidate compounds to alter the ratio of receptor monomer to homo-oligomeric forms of the receptor. This method provides a novel means of assaying compounds as potential therapeutic drugs at G protein-coupled receptors which is greatly simplified and more generally applicable than existing methods.

IPC 1-7

G01N 33/566; **G01N 33/74**; **G01N 33/68**

IPC 8 full level

G01N 33/94 (2006.01)

CPC (source: EP)

G01N 33/94 (2013.01); **G01N 2333/726** (2013.01)

Citation (search report)

See references of WO 9800715A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9800715 A2 19980108; **WO 9800715 A3 19980423**; AU 3249997 A 19980121; CA 2209511 A1 19980101; CA 2259131 A1 19980108; EP 0939902 A2 19990908

DOCDB simple family (application)

CA 9700455 W 19970630; AU 3249997 A 19970630; CA 2209511 A 19970630; CA 2259131 A 19970630; EP 97928072 A 19970630