

Title (en)

METHOD FOR IDENTIFYING AGONISTS OR ANTAGONISTS FOR THE G-PROTEIN COUPLED MAS-LIKE 1 RECEPTOR

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON AGONISTEN ODER ANTAGONISTEN FÜR DEN G PROTEIN GEKOPPELTEN REZEPTOR "MAS LIKE 1"

Title (fr)

PROCEDE POUR IDENTIFIER DES AGONISTES OU DES ANTAGONISTES DU RECEPTEUR MAS DE TYPE 1 COUPLE A LA PROTEINE G

Publication

EP 1516190 A1 20050323 (DE)

Application

EP 03735480 A 20030528

Priority

- DE 10225443 A 20020608
- EP 0305601 W 20030528

Abstract (en)

[origin: DE10225443A1] Identifying a compound (I) that binds specifically to the G protein-coupled receptor mas-like-1 (R) by (i) treating at least one cell that expresses R on its surface (or a preparation of the cells that contains R) with at least one test compound and (ii) detecting any binding to R. Independent claims are also included for the following: (1) similar methods for identifying compounds that bind specifically to R and are competitive with respect to a first compound, or that bind specifically to R and either activate or inhibit it; (2) pharmaceutical composition containing compounds identified by the new methods; (3) use of substance P (or its cleavage products) or neuropeptide FF (a) for treating diseases associated with defects in R or (b) for preparing a complex with R; and (4) protein that comprises R to which substance P (or its cleavage products) or neuropeptide FF is bound specifically.

IPC 1-7

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

IPC 8 full level

A61K 38/08 (2019.01); **A61K 38/17** (2006.01); **A61K 38/22** (2006.01); **A61K 45/00** (2006.01); **A61P 9/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/02** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/567** (2006.01); **G01N 33/74** (2006.01); **A61K 38/095** (2019.01)

CPC (source: EP US)

A61K 38/046 (2013.01 - EP US); **A61K 38/08** (2013.01 - EP US); **A61P 9/00** (2017.12 - EP); **A61P 9/08** (2017.12 - EP); **G01N 33/5008** (2013.01 - EP US); **G01N 33/5041** (2013.01 - EP US); **G01N 33/74** (2013.01 - EP US); **A61K 38/095** (2018.12 - EP US); **G01N 2333/726** (2013.01 - EP US); **G01N 2500/00** (2013.01 - EP US); **G01N 2500/10** (2013.01 - EP US)

Citation (search report)

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