

Title (en)
CLONED HUMAN ALPHA1C ADRENERGIC RECEPTOR

Title (de)
KLONIRTER MENSCHLICHER ALPHA1C-ADRENERGISCHER REZEPTOR

Title (fr)
RECEPTEUR ALPHA1C-ADRENERGIQUE HUMAIN CLONE

Publication
EP 0689547 A4 19981028 (EN)

Application
EP 94912209 A 19940310

Priority
• US 9402609 W 19940310
• US 3284993 A 19930315

Abstract (en)
[origin: WO9421660A1] The human adrenergic receptor of the alpha1C subtype is cloned and used in an in vitro assay to screen for compounds that specifically bind to the human alpha1C adrenergic receptor, including compounds effective to reduce symptoms of benign prostatic hypertrophy. The invention includes the assay, the cloned human receptor used in the assay, an isolated human alpha1C adrenergic receptor free of other human proteins, and compounds identified through the use of this novel, cloned receptor, which selectively bind the human alpha1C adrenergic receptor.

IPC 1-7
C07H 21/00; **C07K 14/00**; **C12N 15/00**; **C12P 21/00**

IPC 8 full level
G01N 33/566 (2006.01); **C07H 21/04** (2006.01); **C07K 14/705** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **G01N 33/50** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
C07K 14/70571 (2013.01); **G01N 33/5008** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
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• See references of WO 9421660A1

Designated contracting state (EPC)
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WO 9421660 A1 19940929; AU 6445394 A 19941011; AU 685789 B2 19980129; CA 2158345 A1 19940929; EP 0689547 A1 19960103; EP 0689547 A4 19981028; JP H08508163 A 19960903

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