

Title (en)

BUILDING BLOCKS FOR ARTIFICIAL RECEPTORS

Title (de)

BAUSTEINE FÜR KÜNSTLICHE REZEPTOREN

Title (fr)

BLOCS DE CONSTRUCTION POUR RECEPTEURS ARTIFICIELS

Publication

**EP 1664792 A2 20060607 (EN)**

Application

**EP 04788611 A 20040903**

Priority

- US 2004029121 W 20040903
- US 49975203 P 20030903
- US 49996503 P 20030903
- US 50008103 P 20030903
- US 52651103 P 20031202
- US 52669903 P 20031202
- US 52670303 P 20031202
- US 52670803 P 20031202
- US 52719003 P 20031202

Abstract (en)

[origin: WO2005024433A2] The present invention relates to building blocks for making or forming candidate artificial receptors. A building block can provide one or more structural characteristics such as positive charge, negative charge, acid, base, electron acceptor, electron donor, hydrogen bond donor, hydrogen bond acceptor, free electron pair, Ir electrons, charge polarization, hydrophilicity, hydrophobicity, and the like. A building block can be bulky or it can be small.

IPC 1-7

**G01N 33/68; G01N 33/566; B01J 19/00**

IPC 8 full level

**B01J 19/00** (2006.01); **G01N 33/543** (2006.01); **G01N 33/566** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

**B01J 19/0046** (2013.01); **B82Y 5/00** (2013.01); **B82Y 10/00** (2013.01); **B82Y 15/00** (2013.01); **B82Y 30/00** (2013.01); **C07K 14/705** (2013.01); **C40B 80/00** (2013.01); **G01N 33/6845** (2013.01); **B01J 2219/00524** (2013.01); **B01J 2219/00527** (2013.01); **B01J 2219/00576** (2013.01); **B01J 2219/00605** (2013.01); **B01J 2219/00612** (2013.01); **B01J 2219/00626** (2013.01); **B01J 2219/00659** (2013.01); **B01J 2219/00702** (2013.01); **B01J 2219/00722** (2013.01); **B01J 2219/00725** (2013.01); **B01J 2219/00731** (2013.01); **B01J 2219/00738** (2013.01)

Citation (search report)

See references of WO 2005024433A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005024433 A2 20050317; WO 2005024433 A3 20050414;** CA 2537264 A1 20050317; EP 1664792 A2 20060607;  
JP 2007504471 A 20070301; JP 4716991 B2 20110706

DOCDB simple family (application)

**US 2004029121 W 20040903;** CA 2537264 A 20040903; EP 04788611 A 20040903; JP 2006526234 A 20040903