

Title (en)

COMBINATORIAL DIHYDROBENZOPYRAN LIBRARY

Title (de)

DIHYDROBENZOPYRAN KOMBINATIONSBIBLIOTHEK

Title (fr)

BIBLIOTHEQUE COMBINATOIRE DE DIHYDROBENZOPYRANES

Publication

EP 0758313 A4 19990915 (EN)

Application

EP 95920411 A 19950508

Priority

- US 9505940 W 19950508
- US 23930294 A 19940506

Abstract (en)

[origin: WO9530642A1] Combinatorial libraries are disclosed which are represented by the Formula (I): (T'-L)q- <S> -C(O)-L'-II' wherein <S> is a solid support; T'-L is an identifier residue; and -L'-II' is a ligand/linker residue. These libraries contain dihydrobenzopyrans of formula (II) which interact (i.e., as agonists or antagonists) with alpha adrenergic receptors, dopamine receptor, sigma -opiate receptors, and K<+> channels and are inhibitors of carbonic anhydrase isozymes. They are useful in the treatment of ocular diseases such as glaucoma.

IPC 1-7

C07C 205/06; C07D 311/04; C07D 279/10; C07D 275/02; C07D 207/00; A61K 31/555; A61K 31/54; A61K 31/50; A61K 31/385; A61K 31/35

IPC 8 full level

C07D 491/107 (2006.01); **A61K 31/35** (2006.01); **A61K 31/352** (2006.01); **A61K 31/443** (2006.01); **A61K 31/445** (2006.01);
A61P 27/02 (2006.01); **A61P 27/06** (2006.01); **C07C 205/59** (2006.01); **C07D 311/04** (2006.01); **C07D 311/08** (2006.01); **C07D 311/22** (2006.01);
C07D 311/68 (2006.01); **C07D 311/96** (2006.01); **C07D 405/12** (2006.01); **C07D 407/12** (2006.01); **C07D 417/12** (2006.01);
C07D 491/10 (2006.01); **C07D 493/10** (2006.01); **C07D 495/10** (2006.01); **C07D 497/10** (2006.01); **C07B 61/00** (2006.01)

CPC (source: EP)

A61P 27/02 (2017.12); **A61P 27/06** (2017.12); **C07C 205/59** (2013.01); **C07D 311/08** (2013.01); **C07D 311/22** (2013.01); **C07D 311/96** (2013.01);
C07D 491/10 (2013.01); **C07D 493/10** (2013.01); **C07D 495/10** (2013.01); **C07B 2200/11** (2013.01); **C40B 40/00** (2013.01)

Citation (search report)

- [X] WO 9408051 A1 19940414 - UNIV COLUMBIA [US], et al
- See references of WO 9530642A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9530642 A1 19951116; AU 2586995 A 19951129; AU 691296 B2 19980514; CA 2189634 A1 19951116; EP 0758313 A1 19970219;
EP 0758313 A4 19990915; JP H10500112 A 19980106

DOCDB simple family (application)

US 9505940 W 19950508; AU 2586995 A 19950508; CA 2189634 A 19950508; EP 95920411 A 19950508; JP 52920795 A 19950508