

Title (en)
IDENTIFYING SMALL ORGANIC MOLECULE LIGANDS FOR BINDING

Title (de)
AUF AVIDITÄT BASIERTE VERFAHREN UND ZUSAMMENSETZUNGEN ZUR IDENTIFIZIERUNG VON KLEINEN ORGANISCHEN LIGANDMOLEKÜLEN, DIE BIOLOGISCHE ZIELMOLEKÜLE BINDEN

Title (fr)
IDENTIFICATION DE LIGANDS DE TYPE PETITES MOLECULES ORGANIQUES, DESTINES A FORMER DES LIAISONS

Publication
EP 1141708 A1 20011010 (EN)

Application
EP 99967643 A 19991223

Priority
• US 9930960 W 19991223
• US 22175998 A 19981228

Abstract (en)
[origin: WO0039585A1] The present invention is directed to novel methods for rapidly and unambiguously identifying small organic molecule ligands for binding to biological target molecules, wherein those methods take advantage of principles of binding avidity. Small organic molecule ligands identified according to the methods of the present invention may find use, for example, as novel therapeutic drug lead compounds, enzyme inhibitors, labeling compounds, diagnostic reagents, affinity reagents for protein purification, and the like. Biological target molecules include, for example, polypeptides, nucleic acids, carbohydrates, nucleoproteins, glycoproteins, glycolipids and lipoproteins.

IPC 1-7
G01N 33/53; **C07B 61/00**

IPC 8 full level
G01N 33/566 (2006.01); **G01N 33/53** (2006.01); **G01N 33/531** (2006.01); **C07B 61/00** (2006.01)

CPC (source: EP)
G01N 33/53 (2013.01); **C40B 40/00** (2013.01); **G01N 2500/20** (2013.01)

Citation (search report)
See references of WO 0039585A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0039585 A1 20000706; CA 2355215 A1 20000706; EP 1141708 A1 20011010; JP 2002533726 A 20021008

DOCDB simple family (application)
US 9930960 W 19991223; CA 2355215 A 19991223; EP 99967643 A 19991223; JP 2000591433 A 19991223