

Title (en)

METHOD OF IDENTIFYING CRITICAL POINTS WITHIN PROTEIN-PROTEIN INTERACTIONS

Title (de)

METHODE ZUR IDENTIFIZIERUNG VON KRITISCHEN PUNKTEN IN DER PROTEIN-PROTEIN WECHSELWIRKUNG

Title (fr)

PROCEDE D'IDENTIFICATION DES POINTS CRITIQUES DANS DES INTERACTIONS PROTEINES-PROTEINES

Publication

**EP 1290004 A1 20030312 (EN)**

Application

**EP 01935592 A 20010515**

Priority

- US 0115832 W 20010515
- US 57298000 A 20000516

Abstract (en)

[origin: WO0187911A1] A method is disclosed for identifying compound defined by pharmacophores which compound affect protein-protein interactions. The method involves determining functional residues of at least one protein of a protein-protein interaction of interest. Three-dimensional structures are then developed based on the positions of the functional residues. The three-dimensional structures are then compared against compounds which have calculatable tertiary structures in order to identify compounds having a spatial orientation consistent with functionally relevant portions of a protein of the protein-protein interaction of interest.

IPC 1-7

**C07H 17/00**; **C12Q 1/68**; **G01N 33/53**

IPC 8 full level

**C07H 17/00** (2006.01); **C07K 14/47** (2006.01); **C12N 15/10** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

**C07H 17/00** (2013.01); **C07K 14/47** (2013.01); **C12N 15/1055** (2013.01); **G01N 33/6896** (2013.01)

Citation (search report)

See references of WO 0187911A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0187911 A1 20011122**; AU 6167101 A 20011126; EP 1290004 A1 20030312

DOCDB simple family (application)

**US 0115832 W 20010515**; AU 6167101 A 20010515; EP 01935592 A 20010515