

Title (en)

BIFUNCTIONAL MOLECULES AND THEIR USE IN THE DISRUPTION OF PROTEIN-PROTEIN INTERACTIONS

Title (de)

BIFUNKTIONELLE MOLEKÜLE UND DEREN VERWENDUNG BEI DER ZERSTÖRUNG VON PROTEIN-PROTEIN-INTERAKTIONEN

Title (fr)

MOLECULES BIFONCTIONNELLES ET LEUR UTILISATION POUR INHIBER DES INTERACTIONS PROTEINE-PROTEINE

Publication

EP 1230353 A4 20021106 (EN)

Application

EP 00980512 A 20001117

Priority

- US 0031695 W 20001117
- US 16667599 P 19991119

Abstract (en)

[origin: WO0136612A1] Bifunctional inhibitor molecules and methods for their use in the inhibition of protein-protein interactions are provided. The subject bifunctional inhibitor molecules are conjugates of a target protein ligand and a blocking protein ligand, where these two moieties are optionally joined by a linking group. In the subject methods, an effective amount of the bifunctional inhibitor molecule is administered to a host in which the inhibition of a protein-protein interaction is desired. The bifunctional inhibitor molecule simultaneously binds to its corresponding target and blocking proteins to produce a tripartite complex that inhibits the target protein-protein interaction. The subject methods and compositions find use in a variety of applications, including therapeutic applications.

IPC 1-7

C12N 9/99; C12N 9/00

IPC 8 full level

A61K 47/48 (2006.01)

CPC (source: EP)

A61K 47/62 (2017.07)

Citation (search report)

- [PX] WO 9961055 A1 19991202 - UNIV LELAND STANFORD JUNIOR [US]
- See references of WO 0136612A1

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 0136612 A1 20010525; AU 1776501 A 20010530; EP 1230353 A1 20020814; EP 1230353 A4 20021106

DOCDB simple family (application)

US 0031695 W 20001117; AU 1776501 A 20001117; EP 00980512 A 20001117