

Title (en)

COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THERAPEUTIC TREATMENT

Title (de)

NUKLEINSÄUREN UND LIGANDER ENTHALTENDE ZUSAMMENSETZUNGEN ZUR THERAPEUTISCHE BEHANDLUNG

Title (fr)

COMPOSITIONS CONTENANT DES ACIDES NUCLEIQUES ET DES LIGANDS POUR UN TRAITEMENT THERAPEUTIQUE

Publication

**EP 0833665 A1 19980408 (EN)**

Application

**EP 96920274 A 19960516**

Priority

- US 9607164 W 19960516
- US 44197995 A 19950516

Abstract (en)

[origin: WO9636362A1] Preparations of conjugates of a receptor-binding internalized ligand and a cytocide-encoding agent and compositions containing such preparations are provided. The conjugates contain a polypeptide that is reactive with an FGF receptor, such as bFGF, or another heparin-binding growth factor, cytokine, or growth factor coupled to a nucleic acid binding domain. One or more linkers may be used in the conjugation. The linker is selected to increase the specificity, toxicity, solubility, serum stability, or intracellular availability, and promote nucleic acid condensation of the targeted moiety. The conjugates are complexed with a cytocide-encoding agent, such as DNA encoding saporin. Conjugates of a receptor-binding internalized ligand to a nucleic acid molecule are also provided.

IPC 1-7

**A61K 47/48**

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 38/00** (2006.01); **A61K 38/16** (2006.01); **A61K 38/46** (2006.01); **A61K 41/00** (2006.01); **A61K 47/48** (2006.01); **A61K 48/00** (2006.01); **A61P 27/02** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/415** (2006.01); **C07K 14/50** (2006.01); **C07K 14/52** (2006.01); **C12N 15/62** (2006.01); **C12N 15/87** (2006.01)

CPC (source: EP)

**A61K 38/168** (2013.01); **A61K 41/0042** (2013.01); **A61K 47/642** (2017.07); **A61K 47/6425** (2017.07); **A61K 48/00** (2013.01); **A61P 27/02** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C07K 14/415** (2013.01); **C07K 14/503** (2013.01); **C07K 14/52** (2013.01); **C12N 15/62** (2013.01); **C12N 15/87** (2013.01); **C07K 2319/00** (2013.01); **C07K 2319/04** (2013.01); **C07K 2319/09** (2013.01); **C07K 2319/21** (2013.01); **C07K 2319/50** (2013.01); **C07K 2319/55** (2013.01); **C07K 2319/75** (2013.01); **C07K 2319/80** (2013.01)

Citation (search report)

See references of WO 9636362A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9636362 A1 19961121**; AU 5862896 A 19961129; AU 710309 B2 19990916; CA 2221269 A1 19961121; EP 0833665 A1 19980408; JP H11505805 A 19990525

DOCDB simple family (application)

**US 9607164 W 19960516**; AU 5862896 A 19960516; CA 2221269 A 19960516; EP 96920274 A 19960516; JP 53509096 A 19960516