

Title (en)

IMMUNOREACTIVE REAGENTS EMPLOYING DIHYDROFOLATE REDUCTASE.

Title (de)

IMMUNREAKTIVE REAGENZIEN UNTER VERWENDUNG VON DIHYDROFOLATREDUKTASE.

Title (fr)

REACTIFS A REACTIVITE IMMUNOLOGIQUE UTILISANT LA DIHYDROFOLATE REDUCTASE.

Publication

EP 0675737 A1 19951011 (EN)

Application

EP 94905922 A 19931206

Priority

- US 9311842 W 19931206
- US 99042392 A 19921215

Abstract (en)

[origin: WO9413327A1] This invention describes a non-radioactive targeting immunoreagent comprised of the residue of a proteinaceous active site of a dihydrofolate reductase enzyme (DHFR), a linking group, and the residue of an immunoreactive material together with a radioactive delivery agent comprised of the residue of a ligand which has an affinity for non-covalent binding to said DHFR receptor moiety, a linking group, and the residue of a radioactive agent. This invention also describes a non-radioactive targeting immunoreagent comprised of the residue of a ligand which has an affinity for non-covalent binding to a DHFR proteinaceous active site receptor moiety, a linking group, and the residue of an immunoreactive material together with a radioactive delivery agent comprised of the residue of a DHFR proteinaceous active site receptor moiety, a linking group, and a radioactive agent. These compositions comprise useful systems for the production of an amplification of delivery of the radioactive agent to tumor sites in the therapy and diagnostic imaging of cancer.

IPC 1-7

A61K 51/00; **G01N 33/53**

IPC 8 full level

G01N 33/53 (2006.01); **A61K 47/48** (2006.01); **A61K 49/00** (2006.01); **A61K 51/00** (2006.01); **A61K 51/10** (2006.01); **C12N 1/21** (2006.01); **C12N 9/06** (2006.01); **G01N 33/532** (2006.01); **G01N 33/535** (2006.01); **G01N 33/573** (2006.01); **G01N 33/574** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP US)

A61K 47/68 (2017.08 - EP); **A61K 47/6803** (2017.08 - EP US); **A61K 47/6881** (2017.08 - EP); **A61K 47/6889** (2017.08 - EP); **A61K 51/1093** (2013.01 - EP US); **G01N 33/532** (2013.01 - EP); **G01N 33/535** (2013.01 - EP); **G01N 33/573** (2013.01 - EP); **G01N 33/574** (2013.01 - EP); **A61K 2121/00** (2013.01 - EP); **A61K 2123/00** (2013.01 - EP)

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 9413327 A1 19940623; AU 5984094 A 19940704; CA 2151614 A1 19940623; EP 0675737 A1 19951011; JP H08507750 A 19960820

DOCDB simple family (application)

US 9311842 W 19931206; AU 5984094 A 19931206; CA 2151614 A 19931206; EP 94905922 A 19931206; JP 51432194 A 19931206