

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

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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.

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