

Title (en)

LIGAND-PEG POST-COATING STABILIZED LIPOPLEX AND POLYPLEX FOR TARGETED GENE DELIVERY

Title (de)

LIPOPLEX UND POLYPLEX STABILISIERTE DURCH LIGAND-PEG POST-COATING FÜR GEZIELTE GENEN-VERABREICHUNG

Title (fr)

LIPOPLEXE ET POLYPLEXE STABILISES SELON UN PROCEDE DE POST-APPLICATION D'UN LIGAND-PEG DANS L'ADMINISTRATION CIBLEE DE GENES

Publication

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Application

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Abstract (en)

[origin: WO0043043A1] This invention relates to the area of systemic, tissue-specific non-viral gene delivery. The present invention provides a novel method to prepare ligand-directed, PEG-stabilized complex as gene delivery systems for targeted gene therapy. Due to the presence of PEG these novel complexes have longer circulating times than conventional ligand-liposome complexes. In addition, due to the presence of the ligand in the complex with PEG, these complexes are tissue targeting. Their small size further makes them very desirable for in vivo use.

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