

Title (en)

DOCK-AND-LOCK (DNL) COMPLEXES FOR DELIVERY OF INTERFERENCE RNA

Title (de)

DOCK-AND-LOCK (DNL)-KOMPLEXE ZUR VERABREICHUNG VON INTERFERENZ-RNA

Title (fr)

COMPLEXES DNL (« DOCK-AND-LOCK ») DESTINÉS À L'ADMINISTRATION D'ARN INTERFÉRANT

Publication

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Application

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- US 30268210 P 20100209
- US 73178110 A 20100325
- US 75264910 A 20100401
- US 75474010 A 20100406
- US 86982310 A 20100827
- US 87134510 A 20100830
- US 91551510 A 20101029
- US 41459210 P 20101117
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Abstract (en)

[origin: WO2011072114A1] Described herein are compositions and methods of use of targeted delivery complexes for delivery of siRNA to a disease-associated cell, tissue or pathogen. The targeted delivery complex comprises a targeting molecule, such as an antibody or fragment thereof, conjugated to one or more siRNA carriers. In preferred embodiments the siRNA carrier is a dendrimer or protamine and the targeting molecule is an anti-cancer antibody, such as hRS7. More preferably, the antibody or fragment is rapidly internalized into the target cell to facilitate uptake of the siRNA. Most preferably, the targeted delivery complex is made by the DNL technique. The compositions and methods are of use to treat a variety of disease states, such as cancer, autoimmune disease, immune dysfunction, cardiac disease, neurologic disease, inflammatory disease or infectious disease.

IPC 8 full level

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