

ABSTRACT

The present invention is suitable for the technical field of nucleic acid drug delivery; specifically provided are a nucleic acid delivery compound, a liver-targeting nucleic acid ligand and the use thereof. Provided in the present invention are a compound as represented by formula (Z-1), and compounds as represented by formula (I) and (II). An oligonucleotide conjugate provided in the embodiments of the present invention can improve the binding efficiency of a targeting moiety to a cell or a cell receptor, and increase the effect of RNA interference.

<Fig.1>