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(54) **AMINO ACID LIPIDS AND USES THEREOF**

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(52) **U.S. Cl.** **514/44 R**; 514/44 A; 514/785; 514/788; 514/943; 554/53; 560/168; 564/159

(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

This disclosure provides a range of amino acid lipid compounds and compositions useful for drug delivery, therapeutics, and the diagnosis and treatment of diseases and conditions. The amino acid lipid compounds and compositions can be used for delivery of various agents such as nucleic acid therapeutics to cells, tissues, organs, and subjects.

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FIG. 1

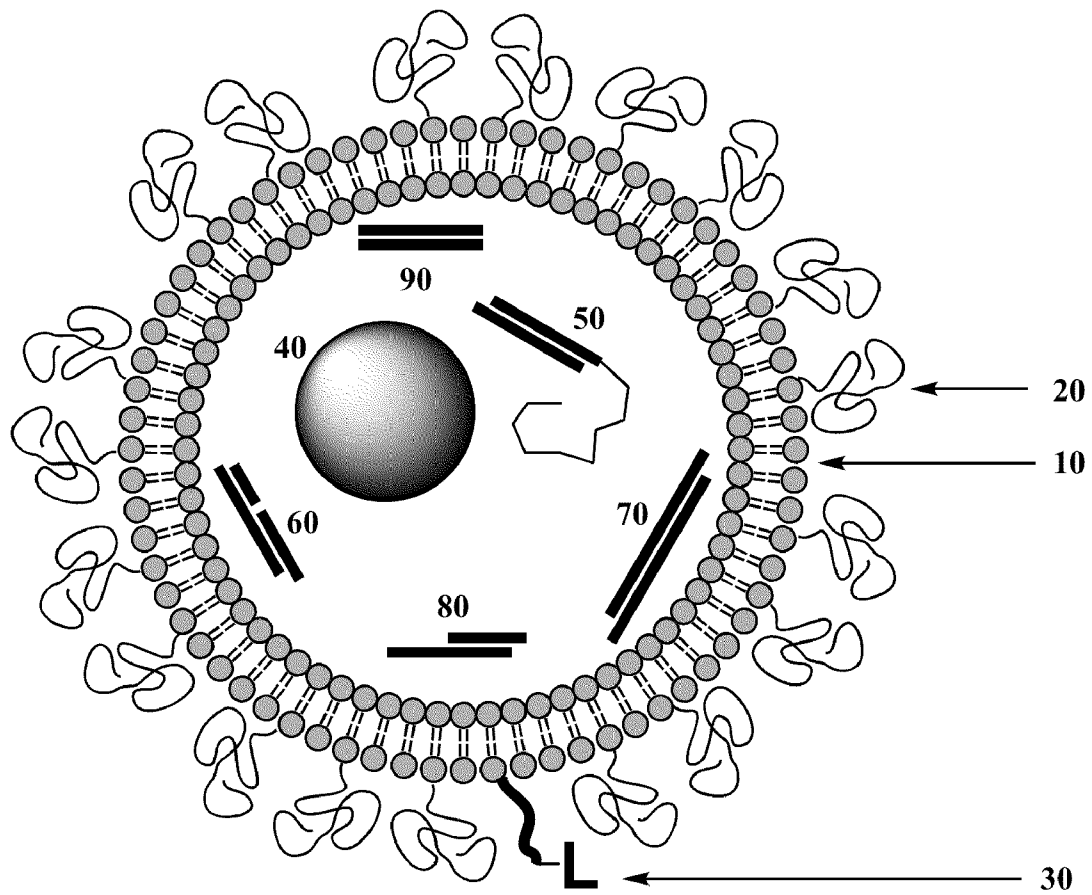


FIG. 2

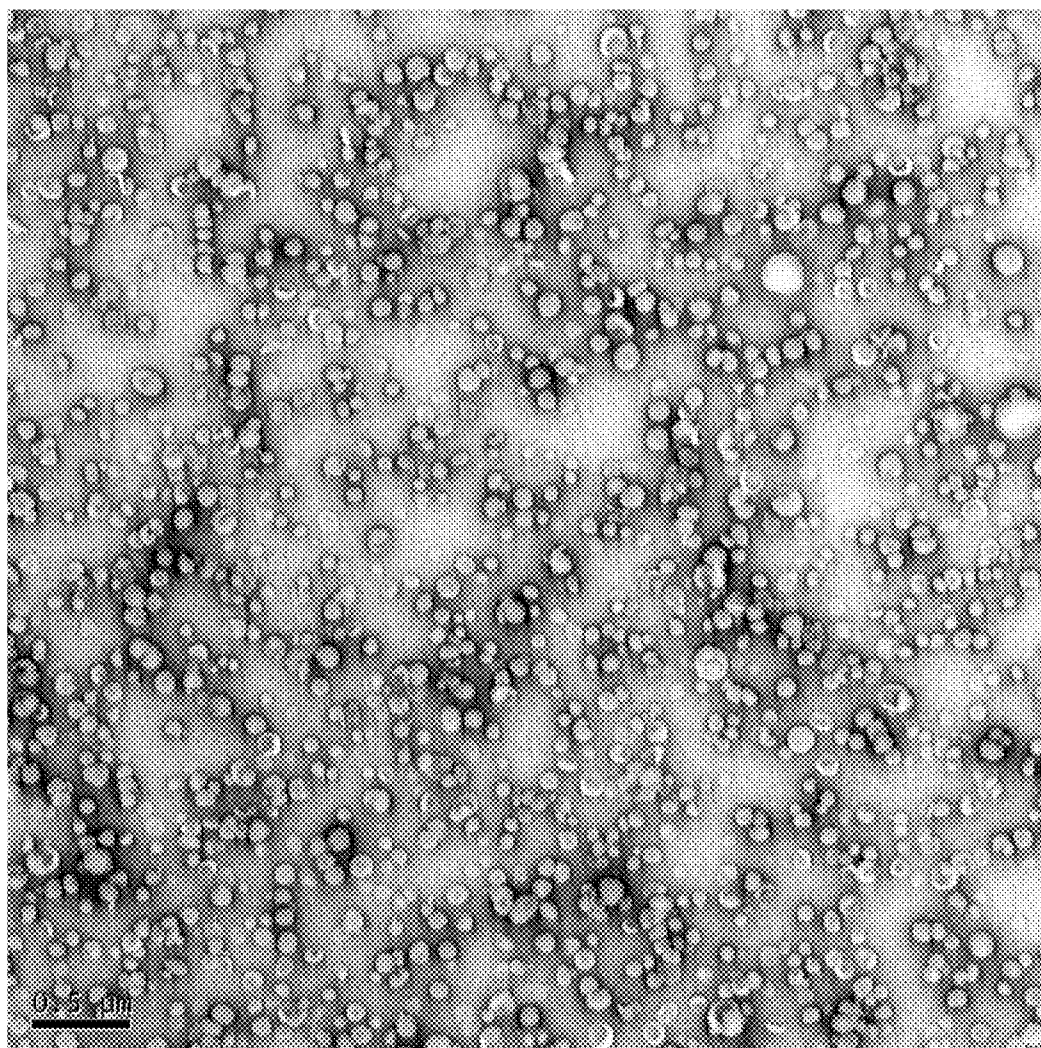
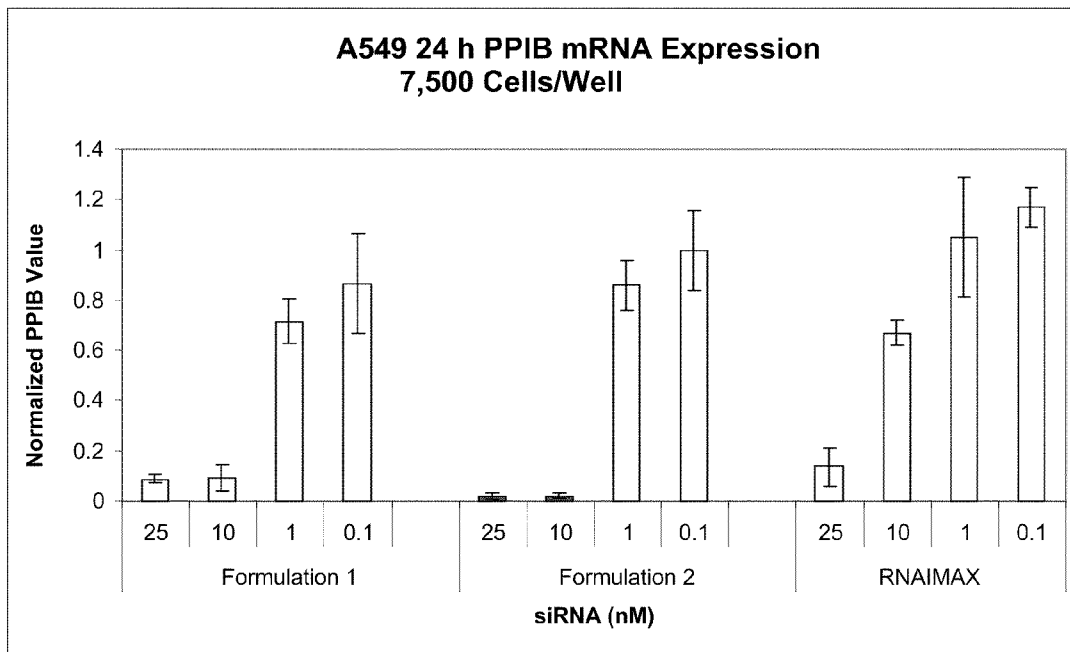


FIG. 3



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