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(54) Title: LIPID COMPOUNDS AND LIPID NANOPARTICLE COMPOSITIONS

(57) Abstract: Provided herein are lipid compounds that can be used in combination with other lipid components, such as neutral lipids, cholesterol and polymer conjugated lipids, to form lipid nanoparticles for delivery of therapeutic agents (e.g., nucleic acid molecules) for therapeutic or prophylactic purposes, including vaccination. Also provided herein are lipid nanoparticle compositions comprising said lipid compounds.

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