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(54) Title: IONIZABLE CATIONIC COMPOUND

(57) Abstract: Novel ionizable lipid compounds of Formula I-Het, Formula I and Formula II are provided. The use of the compounds in forming lipid nanoparticles is described. The lipid nanoparticles may encapsulate a therapeutic, such as a nucleic acid, and these may be used in the delivery of the therapeutic and in methods of treating certain conditions or for inducing an immune response.

WO 2024/165973 A2