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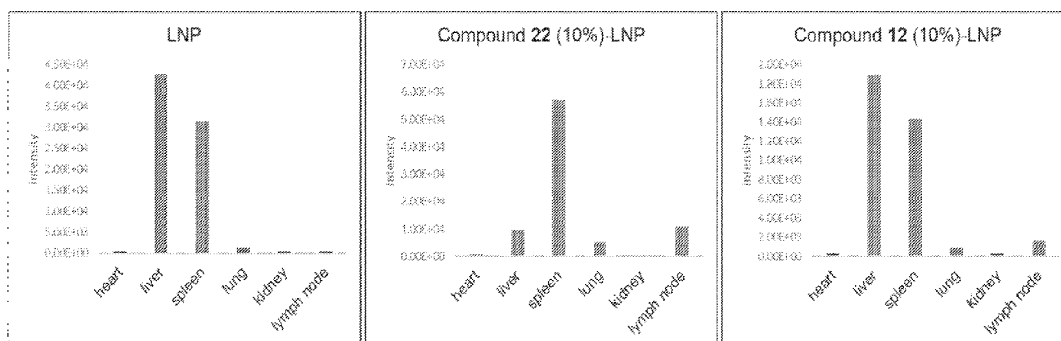


FIG. 5

(57) Abstract: The present disclosure relates to novel compounds, methods, and cell-targeting formulations, e.g., a lipid nanoparticle (LNP) for targeted delivery to a tissue or a cell type. The compound and formulation provided herein are designed to have a targeting moiety configured to provide selective delivery features for the formulation and a lipid tail for being incorporated into the bilayer membrane of the formed lipid nanoparticle.

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