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(54) Title: TRICINE AND CITRIC ACID-BASED CATIONIC LIPIDS

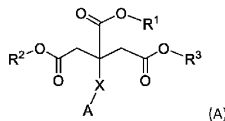
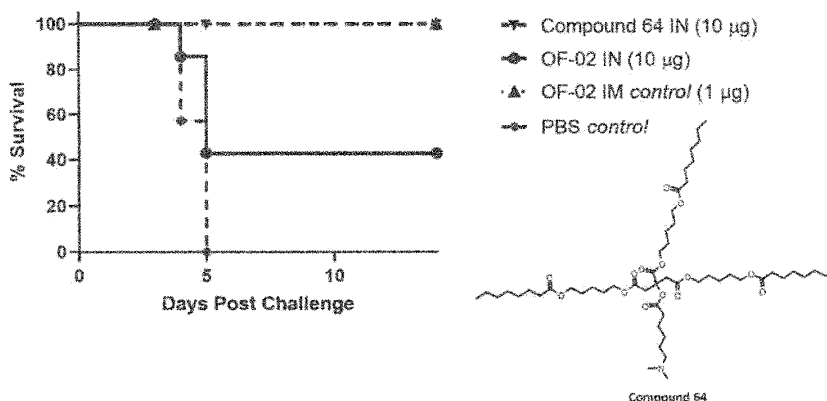


Figure 1



(57) Abstract: The present invention provides, in part, tricine and citric acid lipids, or a pharmaceutically acceptable salt thereof. Compounds provided herein include Compounds of Formula (A) and can be useful for delivery and expression of mRNA and encoded protein, e.g., as a component of liposomal delivery vehicle, and accordingly can be useful for treating various diseases, disorders and conditions, such as those associated with deficiency of one or more proteins.

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