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(54) **LIPID ENCAPSULATED INTERFERING RNA**

(75) Inventors: **Ian MacLachlan**, Vancouver (CA);
Lorne R. Palmer, Vancouver (CA);
James Heyes, Vancouver (CA)

(73) Assignee: **Protiva Biotherapeutics, Inc.**, Burnaby,
BC (CA)

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424/450; 435/6; 435/455; 435/466; 514/44;
554/1; 554/103; 554/107

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

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Primary Examiner—Robert M Kelly
Assistant Examiner—Kelaginamane Hiriyanna
(74) *Attorney, Agent, or Firm*—Townsend and Townsend and
Crew LLP

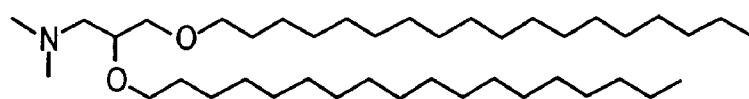
(57) **ABSTRACT**

The present invention provides lipid-based formulations for
delivering, e.g., introducing, nucleic acid-lipid particles com-
prising an interference RNA molecule to a cell, and assays for
optimizing the delivery efficiency of such lipid-based formu-
lations.

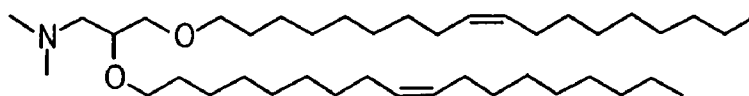
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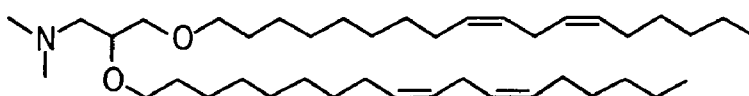
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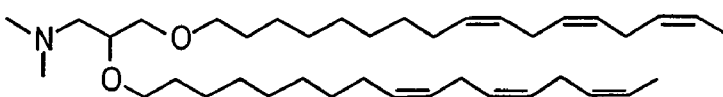
DSDMA



DODMA

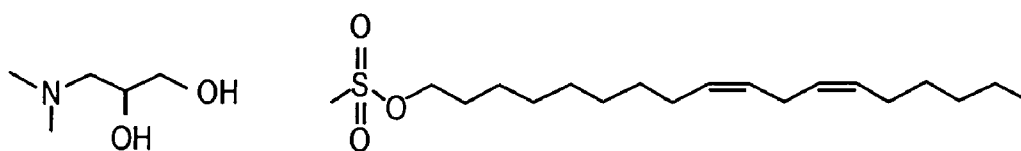


DLinDMA

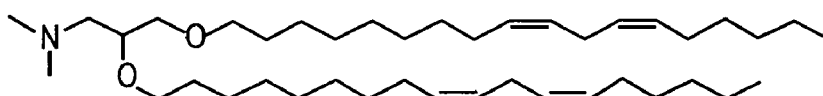


DLenDMA

FIG. 1



NaH, benzene
Reflux 3 hours



DLinDMA.

FIG. 2

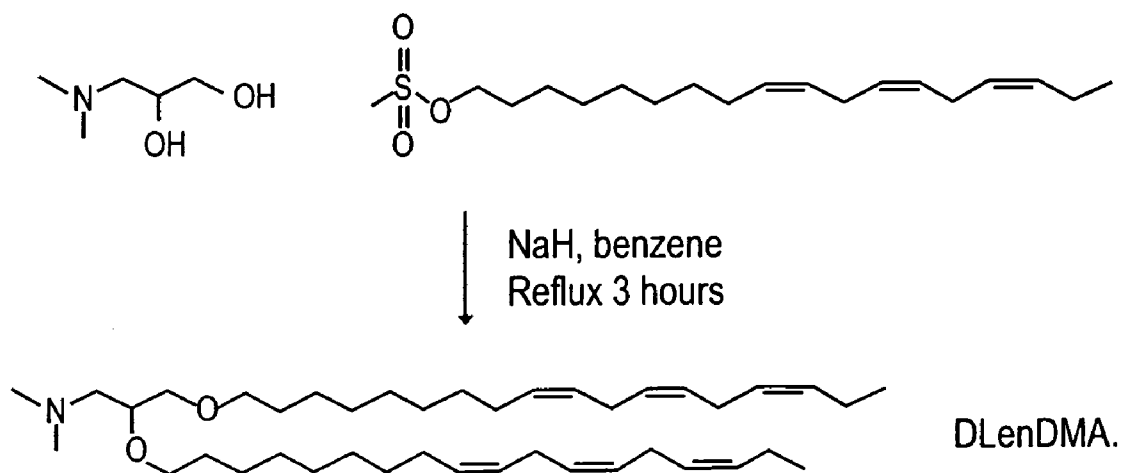


FIG. 3

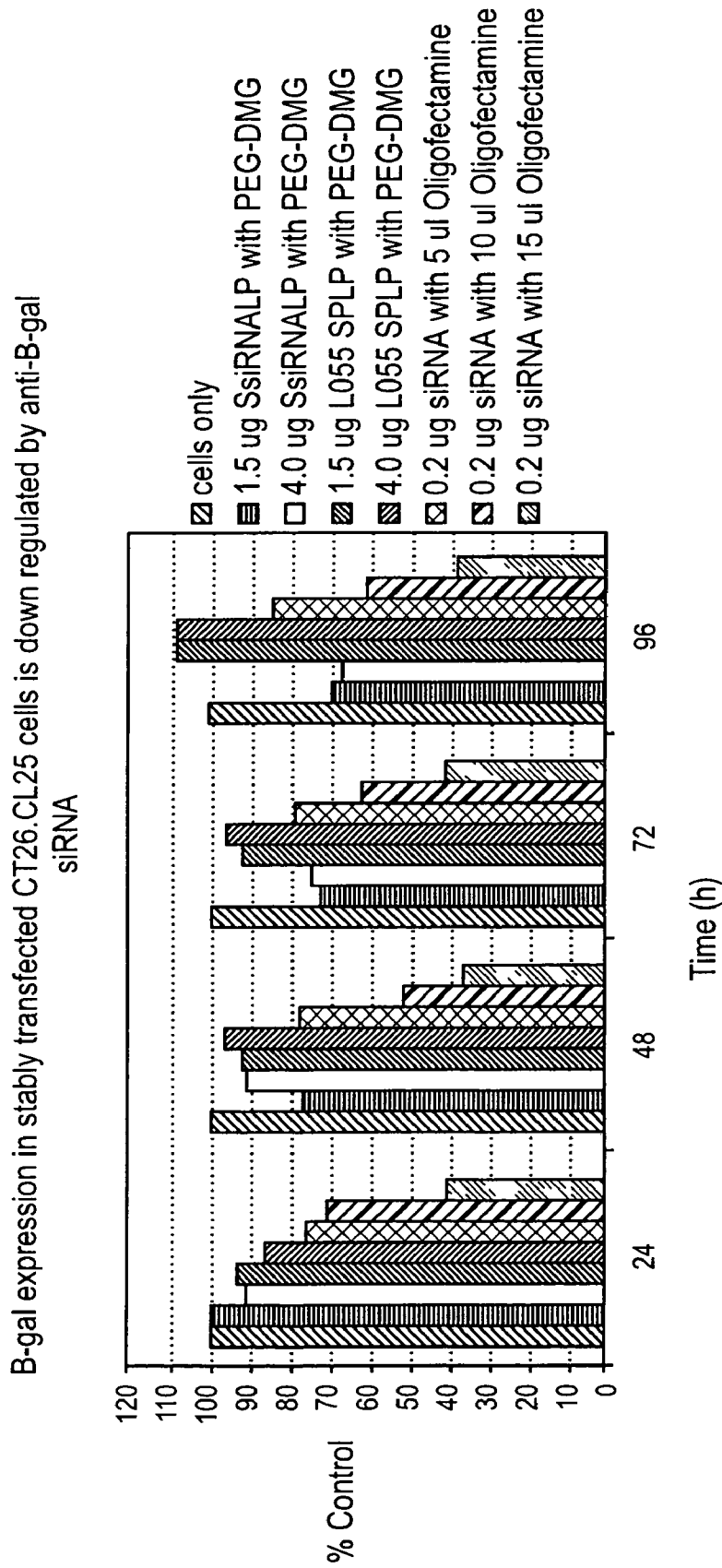


FIG. 4

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