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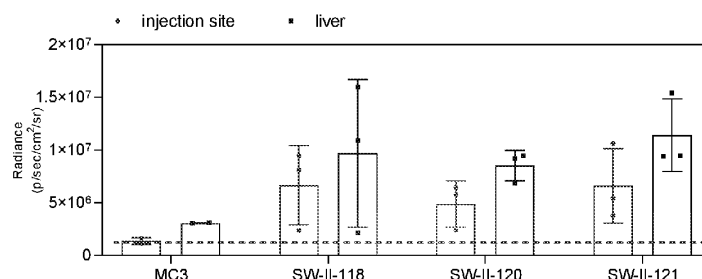
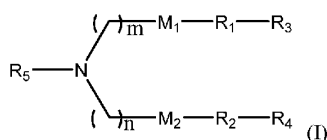


Fig. 2



(57) **Abstract:** The invention provides a lipid of Formula (I) and nanoparticle compositions containing the same. Nanoparticle compositions including therapeutic and/or prophylactics such as RNA are useful in the delivery of therapeutic and/or prophylactics to mammalian cells or organs to, for example, regulate polypeptide, protein, or gene expression.

[Continued on next page]

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