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(54) **AMINO LIPIDS, THEIR SYNTHESIS AND USES THEREOF**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention provides new amino lipids and a  
convenient method for synthesizing these compounds.  
These (cationic) amino lipids have good properties as trans-  
fection agents. The method is an economic versatile two step  
synthesis allowing the preparation of various amino lipids  
thus leading to the assembly of a combinatorial library of  
transfection agents. Moreover, the present invention pro-  
vides lipid particles (liposomes) containing said amino lipids  
and their use for delivering bioactive agents into cells. The  
invention encompasses also the use of lipid particles con-  
taining the cationic amino lipids as medicament.

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(52) **U.S. Cl.**  
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**22 Claims, 2 Drawing Sheets**

