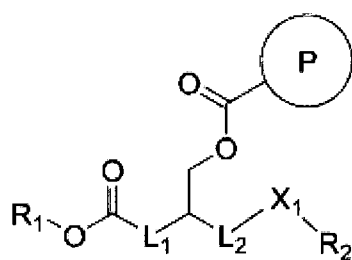
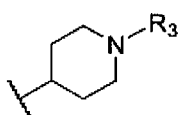


# ABSTRACT

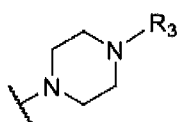
The present invention provides a cationic lipid which is able to be used for nucleic acid delivery to the cytoplasm. A cationic lipid according to the present invention is, for example, a compound represented by formula (1a) or a pharmaceutically acceptable salt thereof. (In formula (1a), each of  $L_1$  and  $L_2$  independently represent an alkylene group having 3-10 carbon atoms; each of  $R_1$  and  $R_2$  independently represent an alkyl group having 4-22 carbon atoms or an alkenyl group having 4-22 carbon atoms;  $X_1$  represents a single bond or  $-\text{CO}-\text{O}-$ ; and ring P represents one of formulae (P-1) to (P-5).)(In formulae (P-1) to (P-5),  $R_3$  represents an alkyl group having 1-3 carbon atoms.)



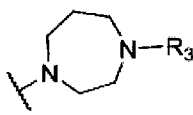
(1a)



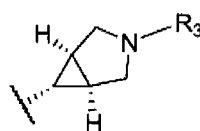
(P-1)



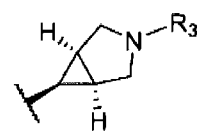
(P-2)



(P-3)



(P-4)



(P-5)