

ABSTRACT

The present disclosure relates to a cationic lipid and use thereof. Specifically provided is a compound represented by formula I or a salt thereof, wherein R^1 to R^4 , H^1 , H^2 , and L^1 are as defined in the present disclosure. The cationic lipid is used for delivering polynucleotides or nucleic acids and protecting the polynucleotides or nucleic acids from being degraded and removed in serum, and has excellent delivery efficiency.

