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(54) Title: IMPROVED LIPOSOMES AND USES THEREOF

(57) Abstract: The invention relates to the field of molecular medicine and pharmacology. More specifically, it relates to liposomes and their use as delivery vehicle for therapeutic compounds. Provided is a liposome comprising at least one lipid bilayer enclosing an interior compartment, wherein said lipid bilayer comprises at least one synthetic pyridinium-derived amphiphile, for instance a Saint-molecule.