Title (en)

LIPID BASED DRUG DELIVERY SYSTEMS COMPRISING PHOSPHOLIPASE A2 DEGRADABLE LIPIDS THAT PERFORM AN INTRAMOLECULAR CYCLIZATION REACTION UPON HYDROLYSIS

Title (de)

ARZNEIABGABESYSTEME AUF LIPIDBASIS MIT PHOSPHOLIPASE-A2-ABBAUBAREN LIPIDEN, DIE UNTER HYDROLYSE EINE INTRAMOLEKULARE CYCLISIERUNGSREAKTION DURCHFÜHREN

Title (fr)

SYSTÈMES DE DÉLIVRANCE DE MÉDICAMENTS À BASE DE LIPIDES CONTENANT DES LIPIDES DÉGRADABLES PAR LA PHOSPHOLIPASE A2 QUI PRODUISENT UNE RÉACTION DE CYCLISATION INTRAMOLÉCULAIRE LORS DE L'HYDROLYSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007107161A2] The present invention relates to a lipid-based drug delivery system for administration of anti-cancer drugs in a prodrug form, said prodrug furthermore being a substrate for extracellular phospholipase A2 to the extent that an organic radical can be hydrolytically cleaved off, resulting in an intramolecular reaction, said system comprising lipopolymers and/or glycolipids so as to present hydrophilic chains on the surface of the system. In addition, the lipid prodrug and drug carries can be used in combination with incorporated drugs. Pharmaceutical compositions comprising the drug delivery system can be used in diagnosis and targeted treatment of various disorders, e.g. cancer, infectious, and inflammatory conditions, etc., i.e. disorders and diseases associated with or resulting from increased levels of extracellular PLA$_2$ activity in the diseased tissue.

IPC 8 full level

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