

Title (en)

LIPOSOMES LOADED WITH FULLERENE AND PROCESS FOR THEIR PREPARATION

Title (de)

MIT FULLEREN BELADENE LIPOSOME UND HERSTELLUNGSVERFAHREN

Title (fr)

LIPOSOMES CHARGÉS DE FULLERÈNE ET PROCÉDÉ POUR LA PRÉPARATION DE CEUX-CI

Publication

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Application

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Abstract (en)

[origin: WO2007043074A1] Liposomes loaded with fullerene are described, together with the related preparation which comprises the following steps: a) dissolving fullerene in a solvent; b) adding a phospholipid to the solution obtained in step (a) and mixing until the complete disappearance of the fullerene; c) eliminating the solvent, thus obtaining the phospholipid/fullerene complex; d) diluting the phospholipid/fullerene complex with water thus obtaining liposomes loaded with fullerene, the above fullerene being directly bound to the liposome membrane. The liposomes of the present invention have a high skin absorption capacity and an excellent anti-oxidizing capacity.

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