

Title (en)
ULTRAMICROEMULSIONS FROM SPONTANEOUSLY DISPERSIBLE CONCENTRATES WITH ANTITUMOR, ANTIVIRAL, VIRUCIDE AND ANTIPARASITICALLY ACTIVE ESTERS OF BIOFLAVONOID COMPOUNDS

Title (de)
ULTRAMIKROEMULSIONEN AUS SPONTAN DISPERGIERBAREN KONZENTRATEN MIT ANTITUMORAL, ANTIVIRAL, VIRUZID UND ANTIPARASITÄR WIRKSAMEN ESTERN VON BIOFLAVONOID-VERBINDUNGEN

Title (fr)
ULTRAMICROEMULSIONS COMPOSEES DE CONCENTRES A DISPERSION SPONTANEE RENFERMANT DES ESTERS DE COMPOSES DE BIOFLAVONOIDE A ACTION ANTITUMORALE, ANTIVIRALE, VIRUCIDE ET ANTIPARASITAIRE

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Abstract (en)
[origin: WO9811876A1] This invention concerns a dispersible concentrate which can be diluted with water, 5 % glucose solution, or with Ringer's solution to obtain thermodynamically stable ultramicroemulsions which have micelles with a hydrodynamic radius of 2.2 to 3.0 nm and which are characterized by joining together the following components into a pharmaceutically useable system: 0.1 to 5 wt.% of individual ester of formula (I) or (II), wherein for all R=H representing a saturated or unsaturated carboxylic acid of the type C6-22-alkyl, C6-22-alkenyl, or C6-22-alkapolyene, or a combination of these esters, as well as 1 to 25 wt.% of a pharmaceutically compatible solvent or solvent mixture serving as a hydrotropic solution or co-emulsifying agent, 0 to 5 wt.% of Good's buffering agent or 3-[(3-cholamide propyl)-dimethylammonio]-propane sulfonate (CHAPS) and/or DMSO (dimethyl sulfoxide), 5 to 90 wt.% of a pharmaceutically compatible surfactant or surfactant mixture, 0 to 10 wt.% of a vitamin or provitamin, 0 to 10 wt.% of a stabiliser, a free radical scavenger, or penetrant and carrier substance and/or thinners.

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