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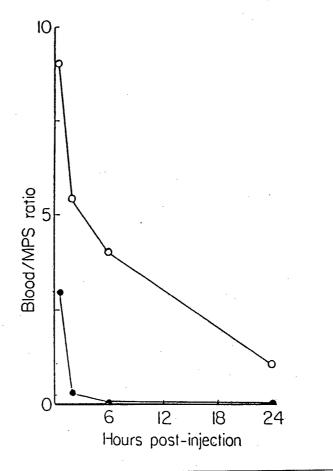
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(54) Title: LIPOSOMES WITH ENHANCED CIRCULATION TIME

(57) Abstract

A composition of liposomes which contain an entrapped pharmaceutical agent and are characterized by (a) liposome sizes predominantly between about 0.07 and 0.5 microns; (b) at least about 50 mole percent of a membrane-rigidifying lipid, such as sphingomyelin or neutral phospholipids with predominantly saturated acyl chains; and (c) between about 5-20 mole percent of a glycolipid selected from the group consisting of ganglioside GM1, saturated phosphatidylinositol, and galactocerebroside sulfate ester. The liposomes in which a drug is entrapped are administered intravenously in a suspension as therapeutic drug treatment, and the liposomes have enhanced circulation time in the bloodstream.



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