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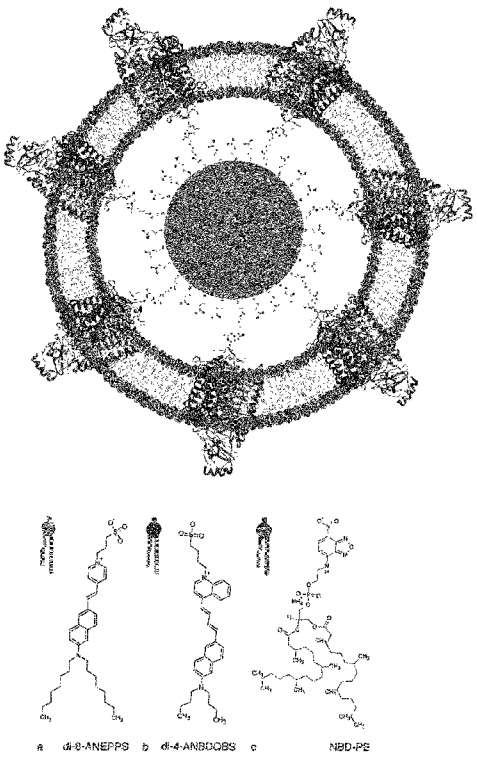
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(54) Title: LIPID MEMBRANE ENVELOPED PARTICLES WITH MEMBRANE PROTEINS

Fig. 1



(57) Abstract: The present invention relates to model lipid bilayers surrounding a nano- or microsized particle comprising, membrane proteins immobilized to the surface of the particle and a sheet of a lipid bilayer interspaced between the membrane proteins and enveloping said particle, wherein said membrane protein is immobilized to the surface of the particle by a linker molecule with a length of at most 5.5 nm, as well as method of using said particles in membrane protein ligand binding or activity assays.

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