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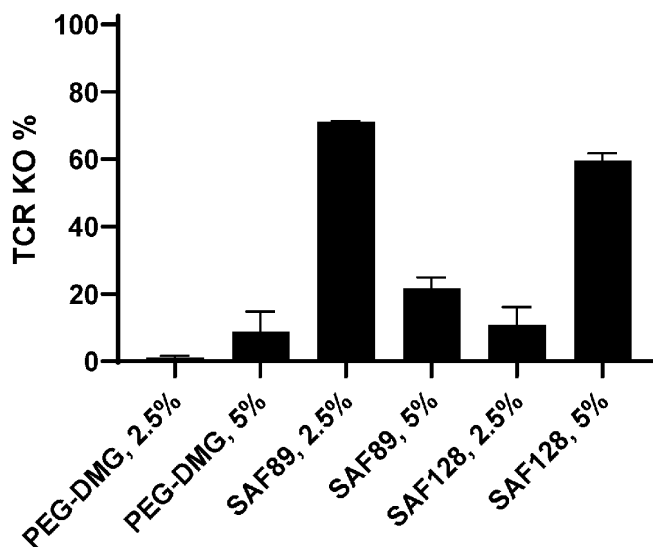
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(54) Title: POLYGLYCEROL STABILIZING AGENTS, COMPOSITIONS, USES, AND MANUFACTURING METHODS THEREOF

FIG. 4



(57) Abstract: The invention provides stabilizing agents, compositions, methods of manufacturing, and uses thereof. In one aspect, a lipid nanoparticle composition includes: (a) an ionizable lipid; (b) two or more lipids; and (c) a stabilizing agent of formula (I) or formula (II) and methods for preparing the stabilizing agents and the lipid nanoparticle are provided.

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