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(54) Title: STABLE GLASSY STATE POWDER FORMULATIONS

(57) Abstract

A powdered, dispersible composition having stable dispersibility over time is provided. The composition exhibits a characteristic glass transition temperature (T_g) and a recommended storage temperature (T_s), wherein the difference between T_g and T_s is at least about 10 °C (i.e. T_g–T_s is greater than 10 °C). The composition comprises a mixture of a pharmaceutically–acceptable glassy matrix and at least one pharmacologically active material within the glassy matrix. It may be further mixed with a powdered, pharmaceutically–acceptable carrier. It is particularly valuable in unit dosage form having a moisture barrier, in combination with appropriate labelling instructions. A process for producing a powdered dispersible composition is also provided, wherein the process comprises removing the solvent from a solution comprising a solvent, a glass former and a pharmacologically active material under conditions sufficient to form a glassy matrix having the pharmacologically active material within the matrix.

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