Abstract

The present invention concerns processes for the production of dry, partially amorphous products containing biologically active and in particular therapeutically active material which are macroscopically homogeneous substance mixtures, the substance mixtures being selected from at least one substance of each of the groups

(i) carbohydrate or zwitterion with a polar residue and derivatives thereof, and

(ii) zwitterion with an apolar residue and derivatives thereof,

wherein a solution is prepared of the biologically or therapeutically active material and of substances (i) and (ii) and the solution is dried at a product temperature above the freezing point of the solution. In addition the invention concerns new substance mixtures which are obtained by the said process as well as the use thereof in diagnostic or therapeutic methods.