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The invention relates to biotechnology, namely to the synthesis of copolymers obtained by chitosan functionalization with antioxidants, and can be used in the pharmaceutical industry.

The method for chitosan functionalization with ascorbic acid comprises interacting chitosan with ascorbic acid in 1% acetic acid solution, under aerobic conditions, heating and holding the mixture for 3 hours at a temperature of 100°C in a vessel connected to a vertical refrigerator, after which the resulting copolymer is separated and dried.

The technical result of the invention consists in simplifying the production method, reducing the synthesis time and the cost of the resulting product.

Claims: 1

Fig.: 12