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Influence of physiologically active substances on the proteinases immobilized on to the modified cellulose

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Abstract

Well proved dressings with immobilized proteinases are improved by addition to these preparations of low-molecular medicinal compounds. When processing the medical materials containing enzymes by the solutions of physiologically active substances they gain additional functional properties (antioxidant, biocidal, etc.). It has been shown that the majority of the used medicinal substances don't influence proteolytic activity of the immobilized enzyme. Protective action of the modified textile carrier on immobilized enzyme preparations, especially the ones obtained on the basis of the modified cellulose materials has been proved.