

Synthesis and study of the proteinase complex properties immobilized on polysaccharide carriers for medical use

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Abstract

In this research we studied the properties of proteinases immobilized on modified cellulose carriers. We studied an interaction between chitosan solutions and different enzymes. It was stated that chitosan can stabilize studied proteinases during thermoinactivation in water solution at 37 °C. By the example of wound treatment of rats we showed that immobilized drugs are much more effective than non-modified enzymes; multienzymatic proteinases preparations promote better and faster healing than monoenzymatic ones.

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