

Chemical modification of RNase from *Bacillus intermedius*. Influence on the enzyme cytotoxic properties

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Abstract

Modified derivatives of RNase from *Bacillus intermedius* differing in the aggregate enzymatic, physico-chemical and physical properties were prepared. The cytotoxic properties of the compounds were tested by the intravital staining of FL cells with neutral red. It was shown that the native enzyme cytotoxicity correlated with the catalytic activity. However, it was found possible to lower the cytotoxicity of the catalytically active compounds by changing the enzyme aggregate properties.
