

Regularities of benzotriazole derivatives sorption on hypercrosslinked polystyrene and octadecylsilica

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Abstract

The results of the chromatographic study of some benzotriazole derivatives sorption on hypercrosslinked polystyrene and octadecylsilica are presented. Physicochemical and electronic parameters of benzotriazole derivatives were calculated. The influence of the molecular structure of the analyte, the nature and composition of the eluent and sorbent for the chromatographic retention of these substances were analyzed.