Full Paper

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Features of aminoquinolines sorption under the conditions of HPLC

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Abstract

Regularities of sorption of aminoquinolines derivatives under the conditions of high-performance liquid chromatography were investigated. Retention factors were defined at various compositions of water acetonitrile eluent. Dependence of chromatographic retention on the structure of derivatives of quinoline, and the effect of concentration of the organic modifier in the mobile phase on sorption characteristics were studied. Applicability of the known retention models to the studied chromatographic systems was estimated.