

Potentiometry and conductometry of aqueous acetonitrile solutions of quinoline derivatives

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Abstract

Potentiometric methods were used to investigate the acid-base equilibria in water-acetonitrile solutions of quinoline derivatives. The values of pH of the solutions depending on the concentration of dissolved substances and the concentration of acetonitrile were defined. The dependence of the steady equilibrium nature of the structure of aromatic heterocycles were shown. Studied. The electrical conductivity of aqueous acetonitrile solutions of derivatives of 4-carboxy quinoline.