

Phase-Transfer Aminolysis of 4-Nitrophenyl Acetate with Amino Acid Salts in the System Liquid-Solid. Kinetics of the Reaction in the Organic Phase

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Abstract - In the phase-transfer system solid potassium aminoacetate–crown ether–chlorobenzene, the fraction of the nucleophile–catalyst complex transferred to the organic phase does not exceed 1% of the amount of the solid phase. Nevertheless, the reactivity of the crown ether complex with potassium aminoacetate is sufficient to ensure the aminolysis to proceed in the organic phase at an appreciable rate.