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Influence of amino acid residues and their sequence in the molecules of dipeptides on the receptor properties and morphology of thin films based on them

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Abstract

By atomic force microscopy we studied the effect of methanol vapor on the morphology of thin films of the dipeptides of *L*-alanyl-*L*-valine, *L*-valyl-*L*-alanine and *L*-valyl-*L*-valine. Terms of saturation and adsorption capacity of dipeptides in relation to methanol have been determined by means of quartz microbalance.