

Heat effects of dehydration of human serum albumin in organic solvents

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Abstract

Based on analysis of our own results concerning the thermochemistry of the interactions of serum albumin in organic media with a low water content and the adsorption of water on the protein in conjunction with the published data on the thermochemistry of solvation of water in organic solvents, we suggest a scheme capable of predicting the influence of the solvation ability of the medium on the enthalpies of dehydration of the protein in organic solvents. Copyright © 2005 by Pleiades Publishing, Inc.
