

Solvation of alcohols in *n*-heptane and *n*-propanol from the acoustic Passynski method.

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Streszczenie

The method of Passynski of calculating the solvation numbers from compressibility was applied to solutions of short-chained normal alcohols in *n*-heptane and *n*-propanol. The dependences of solvation numbers on length of the solute molecules are surprisingly similar for both solvents. Applicability of the acoustic method for determining the solvation numbers in nonaqueous systems, as well as for investigation of intermolecular interactions in them was proved. Some structural similarity of associated alcohol and hydrocarbon in liquid state is suggested.

Adres publiczny

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Strona internetowa wydawcy

<http://www.ifpan.edu.pl>