

Hydration of the zwitterionic forms of amino acids from the acoustic Passynski method.

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Streszczenie

In this communication, we report the compressibility measurements made on amino acids in water at 25^oC, compared with aqueous short-chained amines and carboxylic acids. The effect of the charge caused by protonation of the amino group and/or deprotonation of the carboxylic one was tested. The concept of additivity of the hydration number with the constituents of solute molecule was applied and discussed.

Adres publiczny

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