

Impact of α -hydroxymethylserine residues on binding ability of dipeptides towards Cu^{II} ions.

Autorzy

Teresa Kowalik-Jankowska

Henryk Kozłowski

M. Stasiak

Mirosław T. Leplawy

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Streszczenie

Potentiometric and spectroscopic studies performed on the binding ability of dipeptides containing α -hydroxymethylserine have shown that presence of the hydroxymethyl substituent on the α -carbon changes considerably stability constants and binding modes. The indirect and direct involvement of the additional hydroxyl group is likely and this protects metal-peptide complexes against hydrolysis in very basic solutions.

Adres publiczny

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