



Copper(II) complexation by 1,4-diamino-2*R*, 3*R*-butanediol and its 2*R*, 3*S*-diastereoisomer : spectroscopic and potentiometric studies.

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Streszczenie

Potentiometric and spectroscopic studies of the binding ability of two diastereoisomers of 1,4-diamino-2, 3-butanediol have shown that these amino-alcohols form very stable and specific dimeric complexes with Cu(II) involving both amino nitrogen and hydroxyl oxygen atoms. Chirality at the C(2), C(3) centres has a distinct influence on the stability of complexes formed.

Słowa kluczowe

Amino-alcohols, Cu(II) complexes, stability constants

Adres publiczny

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