

Complex compounds of metals with some azo-derivatives of benzo[4,5]imidazo[1,2-c]quinazoline carboxylic acids

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Abstract

Complex compounds of metals with some azo derivatives of benzo[4,5]imidazo[1,2-c]quinazoline carboxylic acids are isolated in the crystalline state and studied by a set of analytical methods. The processes of complex formation in solutions are studied, the ionization constants of the ligands and the formation constants of the complexes are determined. The efficiency of the organic molecules and their metal complexes as dyes for polyamide fibers is shown.