Crystal and molecular structure of two tetradentate oxime and amide ligands.

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Streszczenie

Syntheses and X-ray structure analyses of two new tetradentate ligands with “oxime-and-amide” donor systems (N,N'-bis(2-hydroiminopropionyl)-1,2-diaminoethane and N,N'-bis(2-hydroxyiminopropionyl)-1,4-diaminobutane) were performed. The overall conformation ofboth ligands is distinctly different from that reported earlier for N,N'-bis(2-hydroxyimino-propionyl)-1,2-diaminopropane. The number of methylene groups critically influences the lig-and geometry and may have distinct impact on the co-ordinating ability of the ligands.

Słowa kluczowe

Tetradentate ligands, X-Ray data

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