

عنوان مقاله:

Synthesis, characterization and X-ray crystallography of a copper (II) complex containing symmetrical diaminomaleonitrile-based Schiffbase ligand

محل انتشار:

پنجمین کنفرانس بین المللی پژوهش کاربردی در شیمی و مهندسی شیمی با تاکید بر فناوری های بومی ایران (سال: 1397)

تعداد صفحات اصل مقاله: 4

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خلاصه مقاله:

One Cu(II) complex derived from a symmetrical diaminomaleonitrile-based Schiff base ligand was obtained in DMSO in one-pot syntheses. The complex was characterized by FT IR, UV-Vis and single crystal X-ray diffraction. The geometry of the Cu(II) complex was square planar. Ligand was N₂O₂-tetradentate coordinated to the metal atom through both the azomethine N atoms and phenolic O atoms

کلمات کلیدی:

Cu(II) complex, Schiff base, X-ray crystallography

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