FT-IR Spectroscopic Study of $M(Cyclopentanone)_2Ni(CN)_4$ Complexes (M = Ni, Cd and Co)

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Cyclopentanone-tetracyanonickel complexes, given by the general formula of M(cyclopentanone)$_2$Ni(CN)$_4$ (M = Ni, Cd and Co), were obtained for the first time. The similarities of the observed spectra with Hofmann-type complexes indicate that the obtained compounds are new examples of Hofmann-type complexes. – PACS: 33.20.Ea, 33.20.Tp

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