

FT-IR Spectroscopic Study of $\text{Co(1-Propanethiol)}_2\text{Ni(CN)}_4\cdot\text{Benzene}$ Clathrate

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By vibrational spectroscopy of the new Hofmann-propanethiol-type clathrate $\text{Co(1-propanethiol)}_2\text{Ni(CN)}_4\cdot\text{Benzene}$ it is shown that its structure is similar structure to those of other Hofmann-type clathrates.

Key words: IR; N-Propyl Mercaptan; Tetracyanonickelate; Hofmann-type Clathrate.