FT-IR Spectroscopic Study of Co(1-Propanethiol)$_2$Ni(CN)$_4$·Benzene Clathrate

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

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