



IR dispersion of hydrogen bonded systems. III. Pentachlorophenol-dioxane-D₈ complex.

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Streszczenie

Transmission spectra of the H-bonded complex formed by pentachlorophenol with dioxane-D₈ were measured in the stretching vibration region of the proton-donor group in binary systems. From this data, the spectra of the complex refractive index and of the complex electric permittivity were obtained in the studied region. The molar atomic polarization and the vibrational polarizability related to the $\nu_s(\text{OH})$ vibrational were determined and compared with earlier ones obtained for weaker complexes.

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