

Vibrational spectra of liquid di-*iso*-propylether.

Autorzy

Krzysztof B. Beć
Andrzej S. Muszyński
Natalia Michniewicz
Władysław Wrzeszcz
Aleksandra Kotynia
Jerzy P. Hawranek

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Streszczenie

The spectrum of the complex refractive index in the 15,000–100 cm⁻¹ region was determined for liquid di-*iso*-propylether from transmission studies. In the MIR region very thin layers with thicknesses of a few micrometers had to be used to obtain reliable data. FT-Raman spectra of the liquid are also reported. Identifications for numerous bands observed in the liquid phase were proposed based on results of a conformational analysis and modeling of vibrational spectra using DFT calculations.

Słowa kluczowe

Di-*iso*-propylether, Thin-film IR spectra, IR dispersion, Raman spectra

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