

## FTIR spectroscopic study of conformational equilibria of substituted ethane in polyethylene glycols

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### Abstract

© Published under licence by IOP Publishing Ltd. In this paper, we considered the conformational behaviour of 1,2-dichloroethane in polyethylene glycols with molecular weight equaled to 200, 400 and 600. We determined the enthalpy differences of conformations of this compound in polyethylene glycols by FTIR spectra. The obtained values were compared with that for high molecular weight polyethylene glycol PEG 10,000.

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