

Intramolecular hydrogen bonding for lattice fluid equation of state

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Intramolecular hydrogen bonding plays a key role in understanding biological species. To consider the intramolecular hydrogen bonding, a modified statistics based on Veytsman theory is suggested. This model considers methoxy alcohols besides glycols. For the validation of the proposed models, FTIR data of Gupta et al and VLE systems are used. It shows good correlation results and possibility for the interpretation of protein folding.