

## Correction to “Molecular Modeling of the Vapor–Liquid Equilibrium Properties of the Alternative Refrigerant 2,3,3,3-Tetrafluoro-1-propene (HFO-1234yf)”

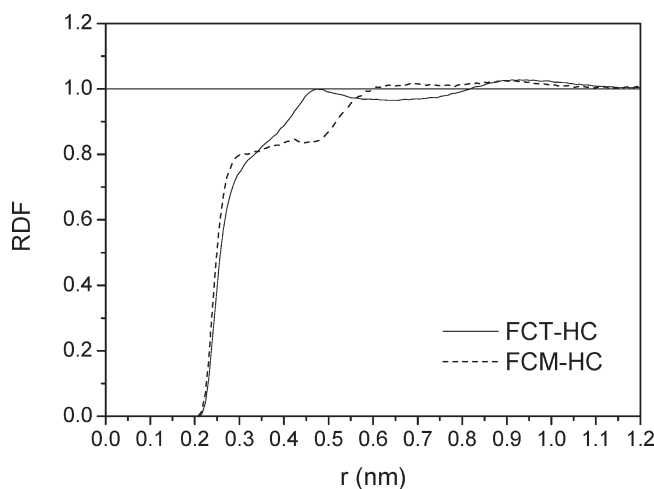
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In Figure 4 of the above-referenced Letter, we presented the radial distribution functions (RDFs) of two different fluorine atom types around the HC hydrogens in HFO-1234yf at 298.15 and 1 MPa. The RDF of the FCT fluorines of the CF<sub>3</sub> group around the HC hydrogens exhibited distinctive peaks, from which we suggested that hydrogen bonding interactions exist between the FCT fluorine and the HC hydrogen.

However, a further analysis of the simulation data discloses that these peaks result from both intermolecular and intramolecular (1–5) interactions between the FCT and HC atoms. When only intermolecular interactions are considered in the analysis, neither the FCM-HC nor the FCT-HC RDF shows a distinctive peak, as illustrated by the corrected Figure 4 given in this note.

From this, it can be concluded that no hydrogen bonding interactions occur in pure HFO-1234yf.



**Figure 4.** Intermolecular RDF for HFO-1234yf in the liquid phase at 298.15 K and 1 MPa.

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