Supplemental Information.

Figure 1S shows values of values of the constants $\left[\dfrac{V_{disp}^{dip}}{V_{pp}}(\infty)\right]$ and c^* obtained from the fits to eq 21.
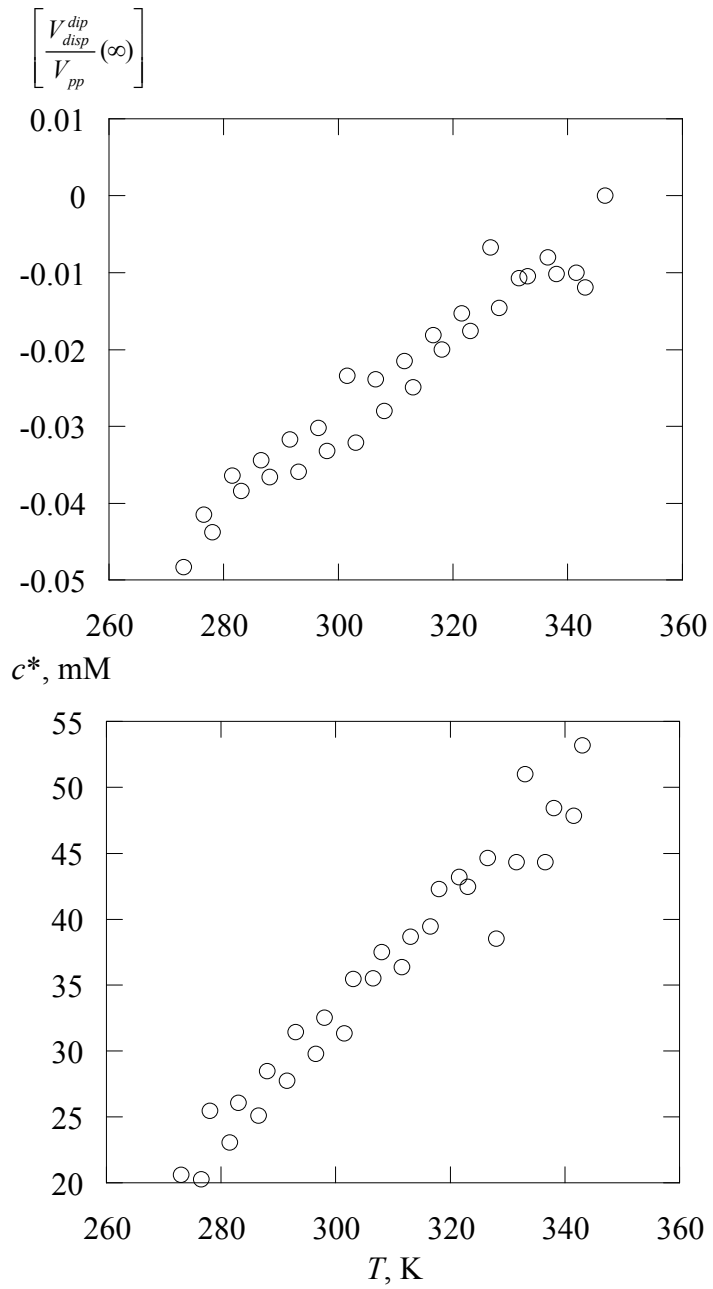
Figure 1S. Plateau values of dipolar dispersion, above, and characteristic concentrations where the plateau is approached, c^*, below vs. the temperature. Estimated uncertainties in the parameters obtained from the fits are about the size of the symbols.