



FIGURE 25.5

The logarithm of the activity coefficient ( $\ln \gamma_{2m}$ ) of aqueous solutions of sucrose, sodium chloride, and calcium chloride plotted against molality ( $m$ ) at 25°C. Note that the electrolyte solutions deviate from ideality ( $\ln \gamma_{2m} = 0$ ) much more strongly than does sucrose at small concentrations.