Figure S1. Ratio of long-time BD diffusivity estimated from eq. 1 in the text, $D_{BD,Pred}$, to that obtained from simulation, $D_{BD}$, plotted as a function of $D_{BD}/D_0$. The dashed red lines represent a 20% deviation of the predicted diffusivity from the value measured in simulation.
**Figure S2.** Long-time diffusivity of the star-polymer system from MD and BD simulations. Symbols are the same as in Figure 2 of the main text. Curves in panel (b) show prediction based on $D_{BD}/D_0 = (D_{MD})/(\rho D_{MD})$, where $\rho D_{MD} = \lim_{\rho \to 0} \rho D_{MD}$ [1].
References