Fabrication of Fullerene-Containing Hybrid Vesicles via Supramolecular Self-Assembly of a Well-Defined Amphiphilic Block Copolymer Incorporated with a Single C_{60} Moiety at the Diblock Junction Point

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Figure S1. $^1$H NMR spectra recorded in CDCl$_3$ for (a) 2-bromoglutaric acid (BGA), (b) HOOC(-N$_3$)-Br, and (c) PEO$_{45}$(-N$_3$)-Br.
Figure S2. $^1$H NMR spectrum of PEO$_{45}$(−N$_3$)$-_b$-PS$_{380}$ in CDCl$_3$. 
**Figure S3.** UV-vis absorption spectra of (a) pristine $C_{60}$ in n-hexane, (b) PEO$_{45}$(-$N_3$)-$b$-PS$_{380}$ in 1,4-dioxane, and (c) PEO$_{45}$(-$C_{60}$)-$b$-PS$_{380}$ in 1,4-dioxane.
Figure S4. Hydrodynamic radius distributions, $f(R_h)$, obtained for vesicles self-assembled from PEO$_{45}$(-C$_{60}$)-b-PS$_{380}$ in aqueous solution. The polymer concentration was 0.05 g/L.