

Supplementary Information

Direct observation of vesicle fusion intermediates obtained from a cationic platinum(II) complex with sulfonate terminated polystyrenes

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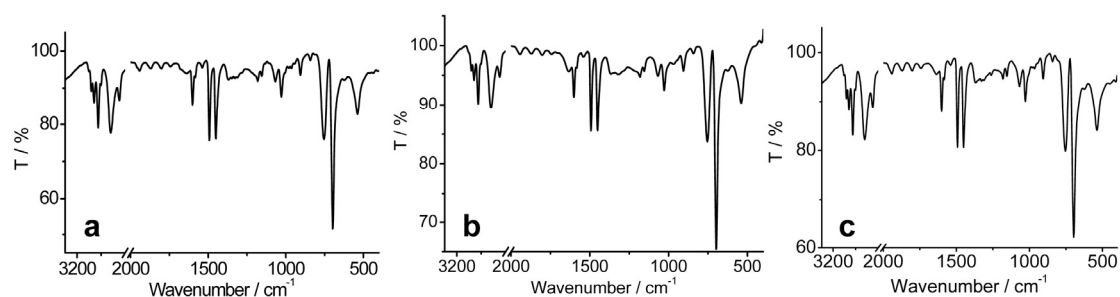


Fig. S1 Infrared spectra of SBC-1 (a), SBC-2 (b), and SBC-3 (c).

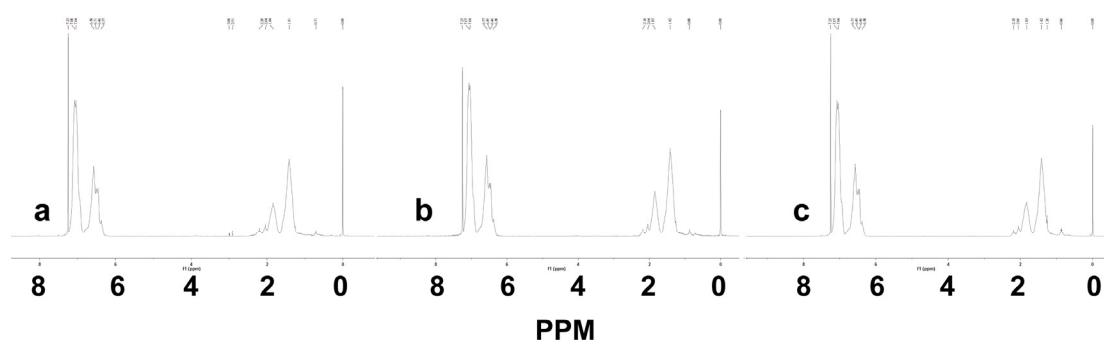


Fig. S2 ¹H NMR spectra of SBC-1 (a), SBC-2 (b), and SBC-3 (c).

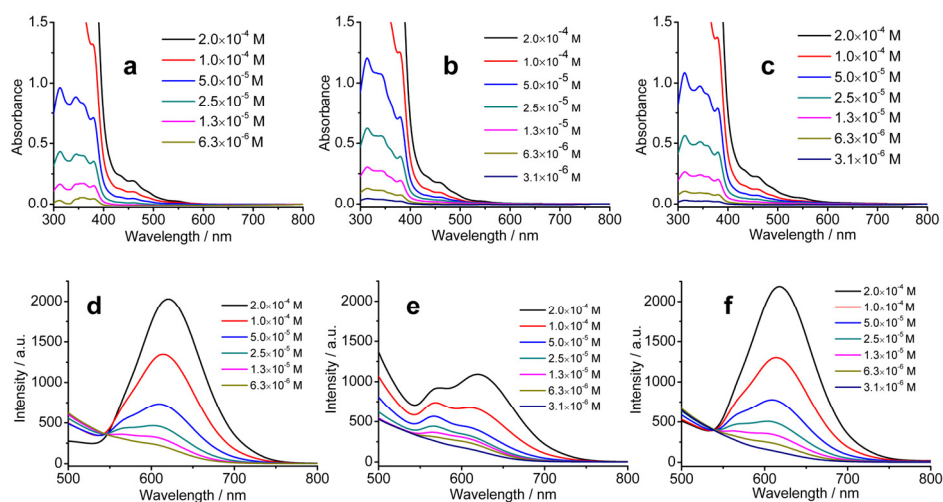


Fig. S3 UV-vis spectra of SBC-1 (a), SBC-2 (b), and SBC-3 (c). Emission spectra of SBC-1 (d), SBC-2 (e), and SBC-3 (f).

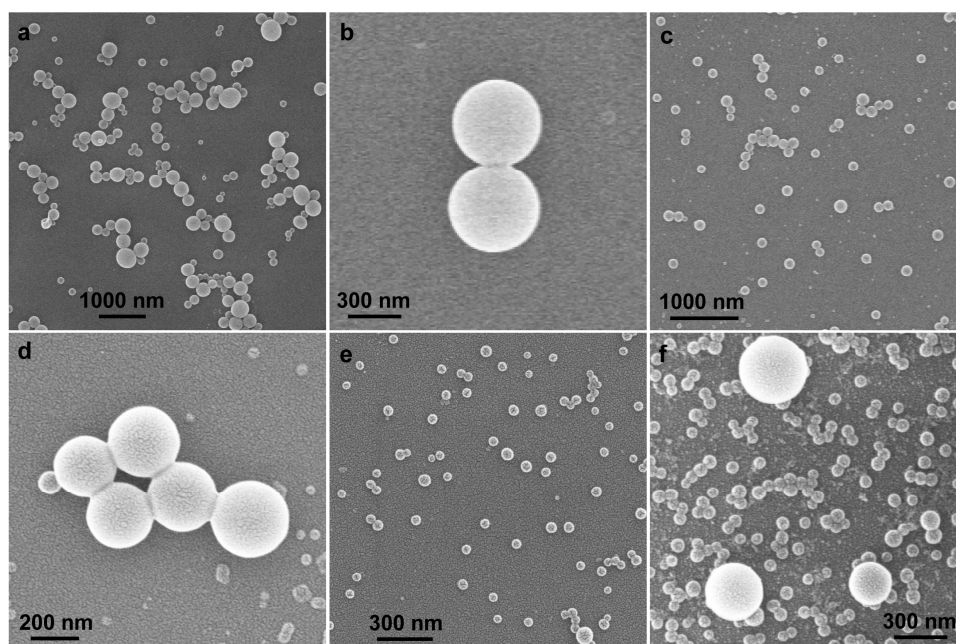


Fig. S4 SEM images of SBC-1 (a and b), SBC-2 (c and d), and SBC-3 (e and f). The a, c, e images were obtained as drop-cast from 0.5 mg/mL chloroform/methanol (v/v = 1) solutions aged for 1 h onto glass substrates, whereas the b, d, f images were obtained as drop-cast from the solutions aged for 2.5, 7.5 and 36 h, respectively.

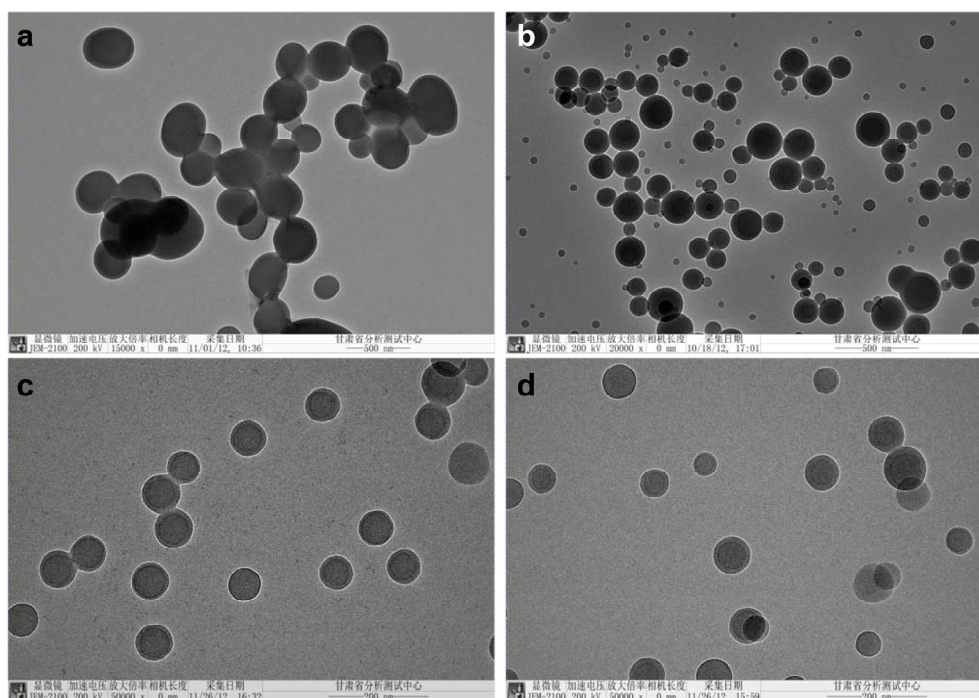


Fig. S5 Representative TEM images of SBC-1 (a), SBC-2 (b) and SBC-3 (c and d) as drop-cast from 0.5 mg/mL chloroform/methanol (v/v = 1) solution aged for 1 h onto carbon-coated copper grids.

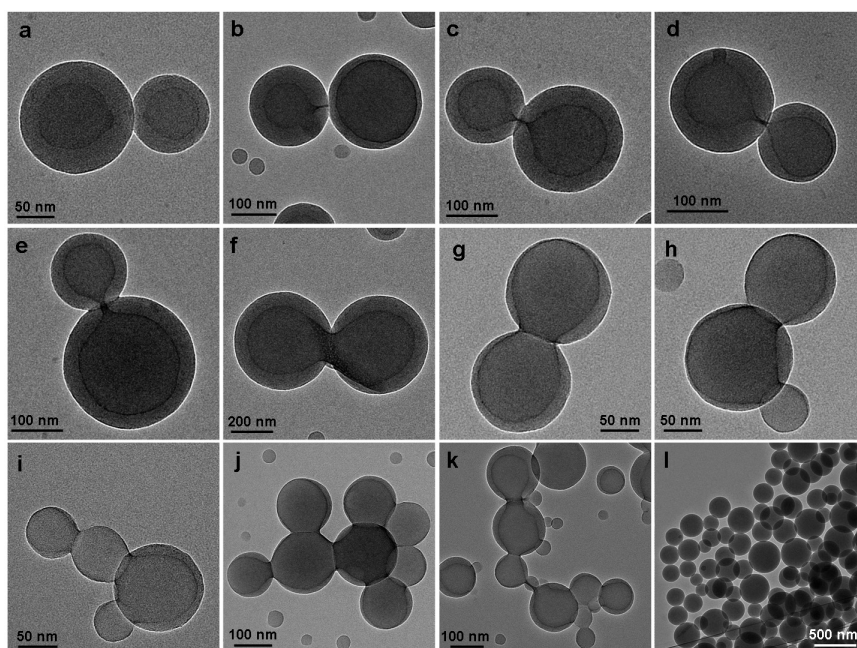


Fig. S6 TEM images of SBC-2 as drop-cast from 0.5 mg/mL chloroform/methanol (v/v = 1) solution aged for 1 h (a-k) and 7.5 h (l) onto carbon-coated copper grids.

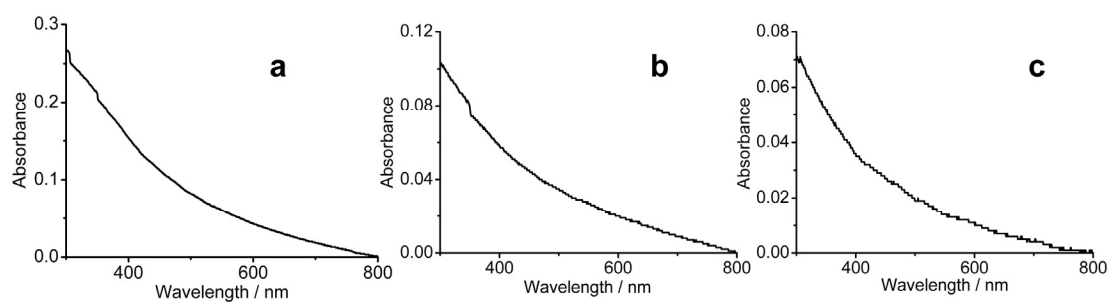


Fig. S7 UV-vis spectra of the vesicle films of SBC-1 (a), SBC-2 (b), and SBC-3 (c).