

SUPPORTING INFORMATION

Hydrophilic Modifications of an Amphiphilic Polynorbornene and the Effects on its Hemolytic and Antibacterial Activity

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Figure S1. GPC traces of (a) **Poly1** ($M_n = 2.8$ kDa) and (b) **Poly3_{0.5-co}-Poly1_{0.5}** ($M_n = 2.9$ kDa).

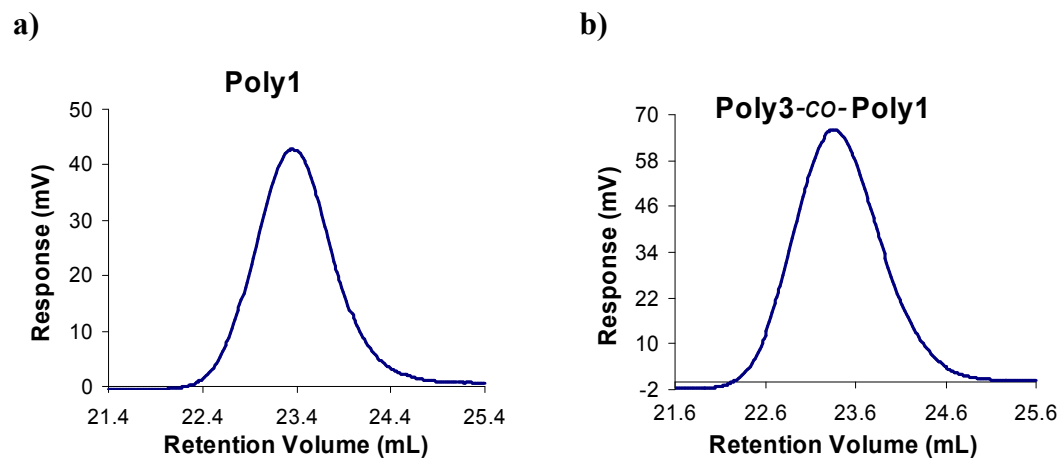


Table S1. Summary of M/I ratios of all the **Poly3-co-Poly1** and **Poly3-co-Poly2** copolymer series and their corresponding homopolymers.

Sample	Monomer Concentrations (mmol/mL)		Initiator Concentrations (mmol/mL)	Degree of Polymerization (DP) = [M]/[I]	M_n theoretical ^b (kDa)	M_n experimental (kDa)
	M3	MX ^a				
Poly3	0.37	-	0.044	8.22	2.9	2.8 ^c
Poly3_{0.7-co}-Poly1_{0.3}	0.14	0.06	0.027	7.40	2.9	2.9 ^c
Poly3_{0.5-co}-Poly1_{0.5}	0.11	0.11	0.030	7.33	3.0	2.9 ^c
Poly3_{0.3-co}-Poly1_{0.7}	0.07	0.17	0.027	8.88	3.2	3.0 ^c
Poly1	-	0.22	0.033	6.53	3.0	3.0 ^c
Poly3_{0.7-co}-Poly2_{0.3}	0.17	0.072	0.026	9.3	3.5	3.6 ^d
Poly3_{0.5-co}-Poly2_{0.5}	0.11	0.12	0.021	10.9	4.2	4.1 ^d
Poly3_{0.3-co}-Poly2_{0.7}	0.062	0.14	0.019	10.6	4.2	4.3 ^d
Poly2	-	0.23	0.033	6.95	3.0	4.0 ^d

^a X= 1 for Poly1, 2 for Poly2.

^b M_n theoretical calculated for the protected polymers.

^c M_n determined by GPC of the protected polymers.

^d M_n determined by ¹H NMR of the deprotected polymers.