The aggregation behavior of amphiphilic p(HPMA)-co-p(LMA) copolymers studied by FCS and EPR spectroscopy

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- Supporting Information -

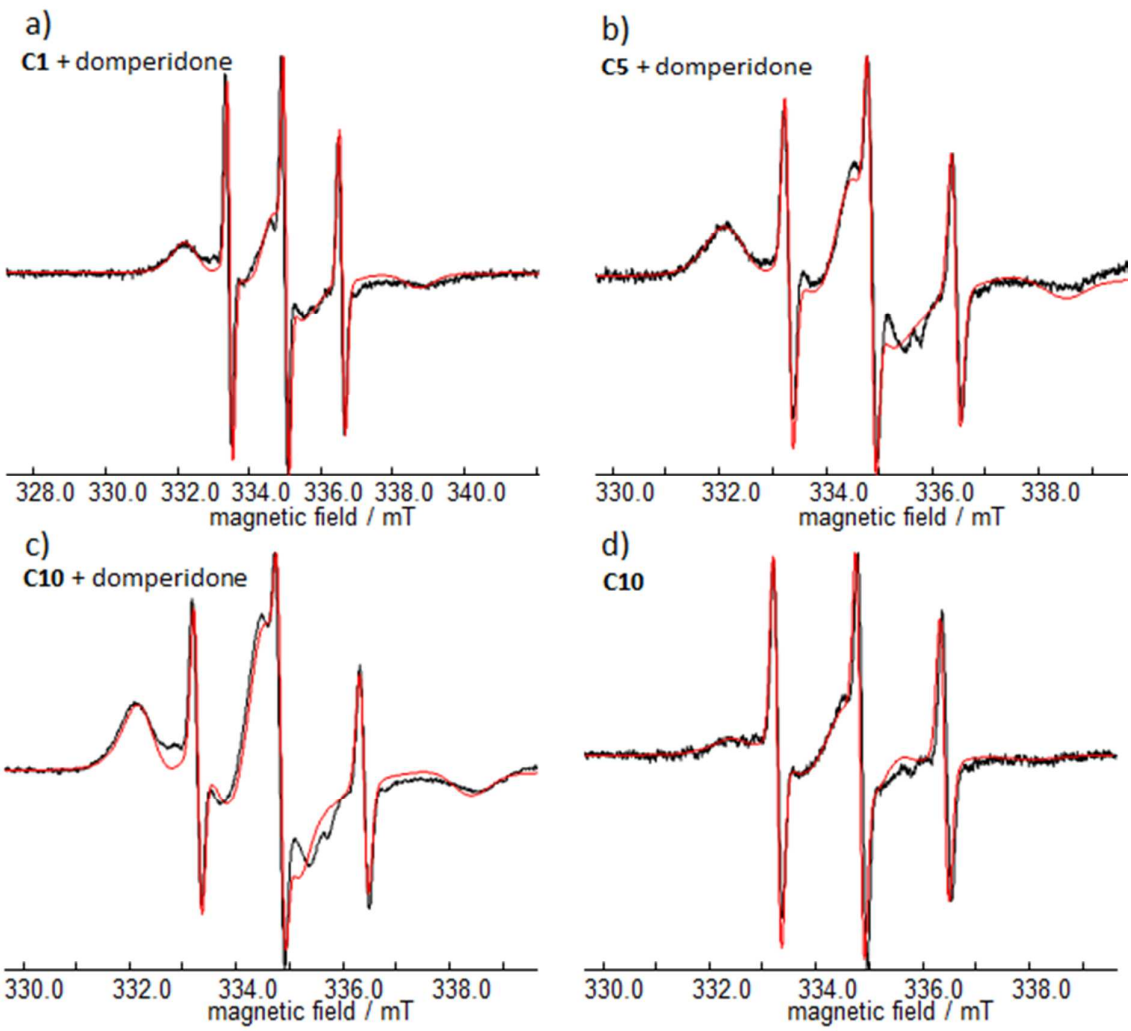

Figure EPRS1. CW EPR (black) and corresponding spectral simulations (red) of a) **C1** loaded with 50 mol% domperidone, b) **C5** loaded with 50 mol% domperidone, c) **C10** loaded with 50 mol% domperidone and d) **C10** without domperidone,

Spectral Parameters of species B16-DSA

	g-Tensor [g_{xx} g_{yy} g_{zz}]	A-Tensor [A_{xx} A_{yy} A_{zz}] / MHz	D-Tensor [D_{xx} D_{yy} D_{zz}] / s^{-1}
C1 + domperidone	2.0087 2.0067 2.0030	18.0 16.8 95.5	$9 \cdot 10^7$ $4 \cdot 10^6$ $4 \cdot 10^6$

C5 + domperidone	2.0087 2.0067 2.0030	18.0 16.8 95.0	$9 \cdot 10^7$ $3 \cdot 10^6$ $3 \cdot 10^6$
C10 + domperidone	2.0087 2.0067 2.0030	18.0 16.8 93.5	$2 \cdot 10^7$ $4 \cdot 10^6$ $4 \cdot 10^6$
C10	2.0087 2.0067 2.0030	18.0 16.8 93.5	$6 \cdot 10^7$ $4 \cdot 10^6$ $4 \cdot 10^6$

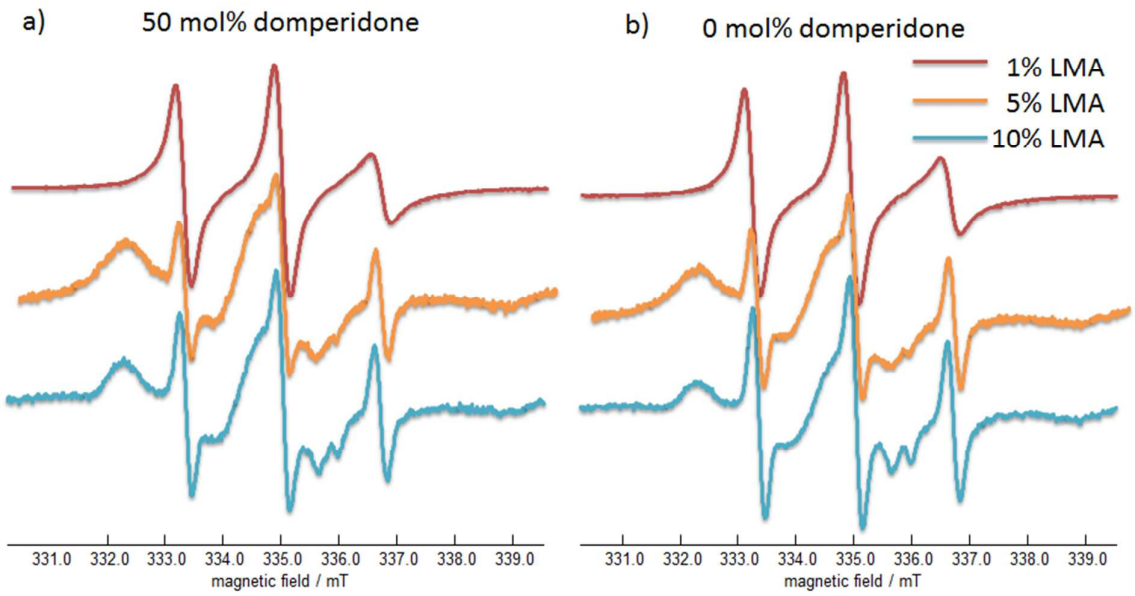

Figure EPRS2. CW EPR spectra of a) **C1e**, **C5e** and **C10e** loaded with 50 mol% domperidone and b) **C1e**, **C5e** and **C10e** in the absence of domperidone.

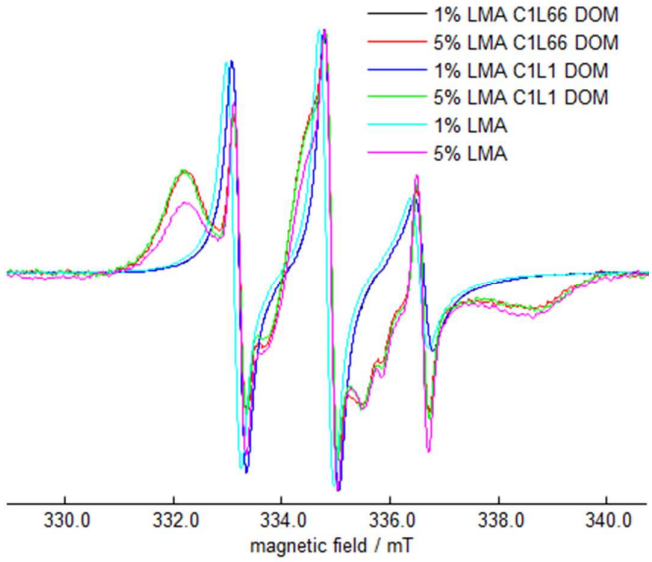

Figure EPRS3. CW EPR spectra for different amounts of LMA in HPMA-co-LMA and different types of liposomes (lecithin-cholesterol ratio 66/1 and lecithin-cholesterol ratio 1/1). While the amount of LMA significantly influences the interaction strength, the constitution of the liposomes did not lead to significant differences in the CW EPR spectra.