

Supporting Information

SUPPLEMENTARY DATA

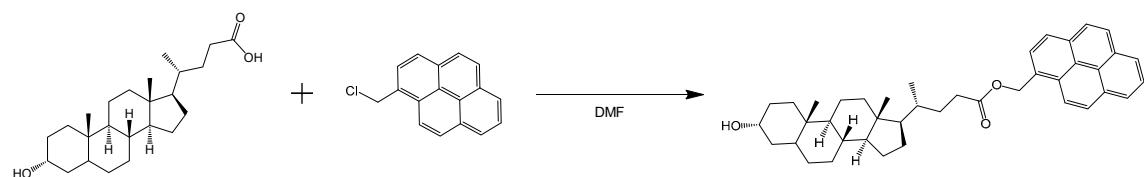


Figure. S1. Scheme of the synthesis of Py-LCA.

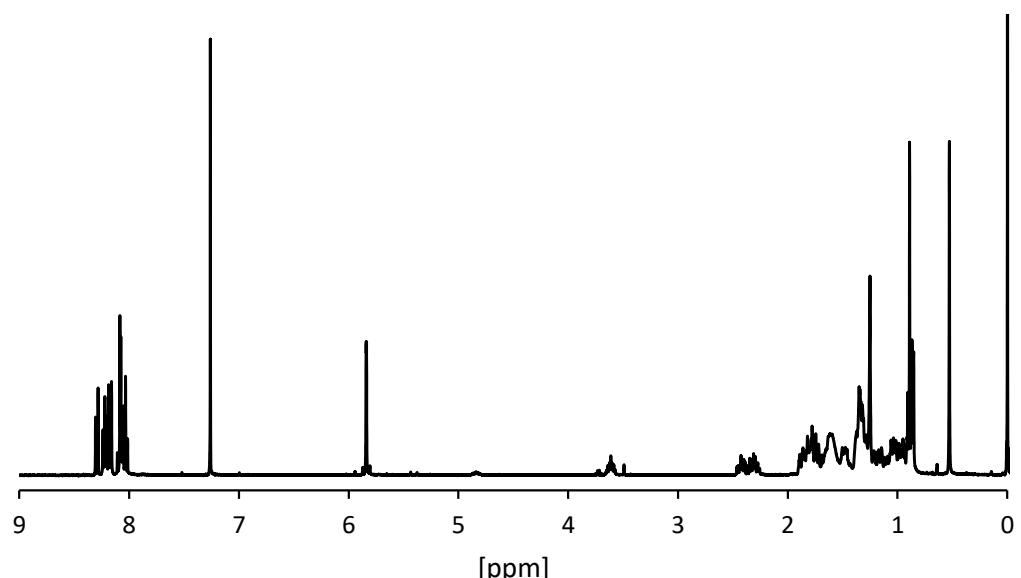


Figure. S2. NMR spectrum of Py-LCA.

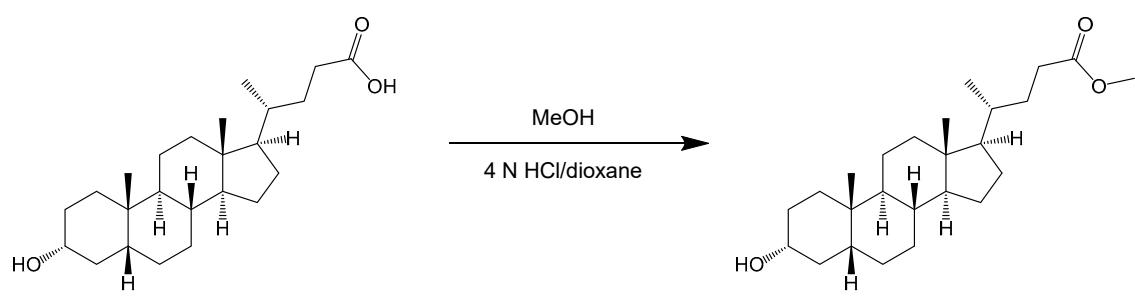


Figure. S3. Scheme of the synthesis of Me-LCA.

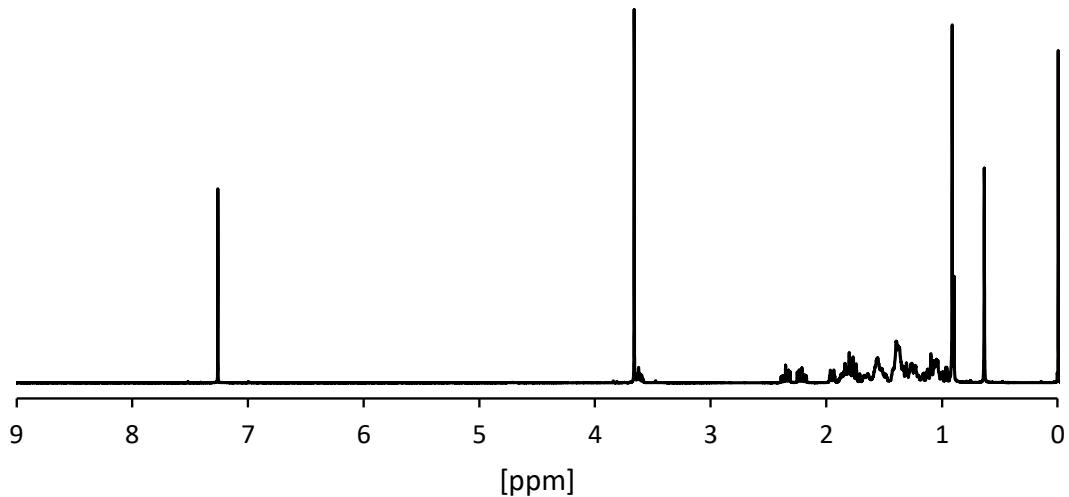


Figure. S4. NMR spectrum of Me-LCA.

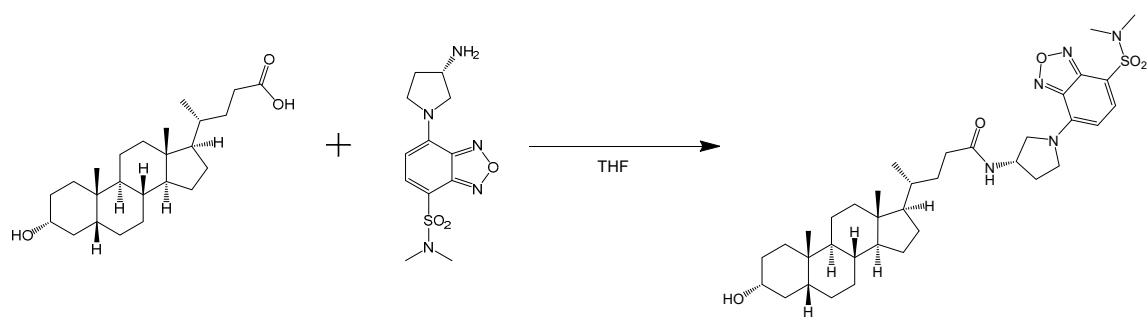


Figure. S5. Scheme of the synthesis of DBD-APy-LCA.

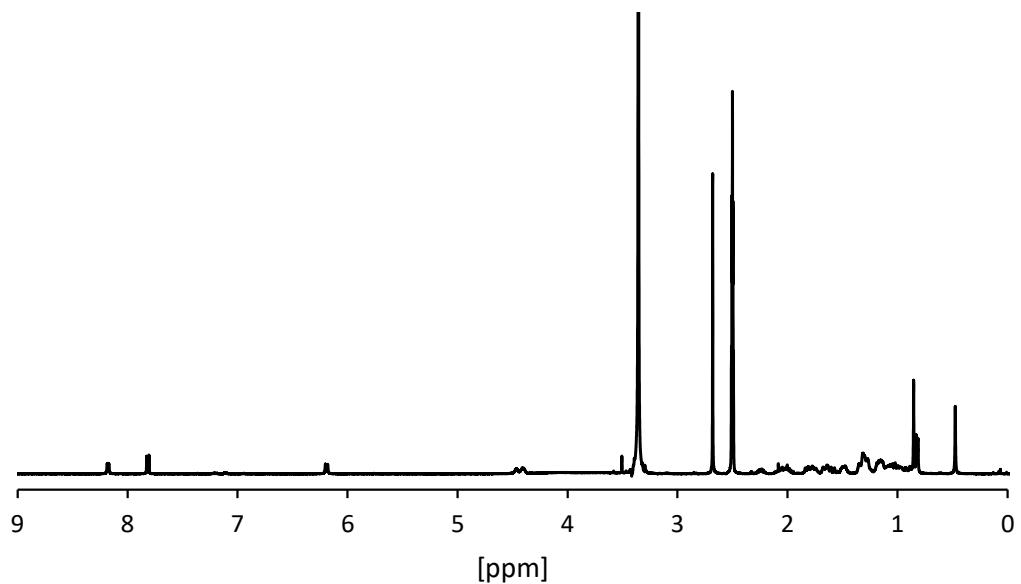


Figure. S6. NMR spectrum of DBD-APy-LCA.

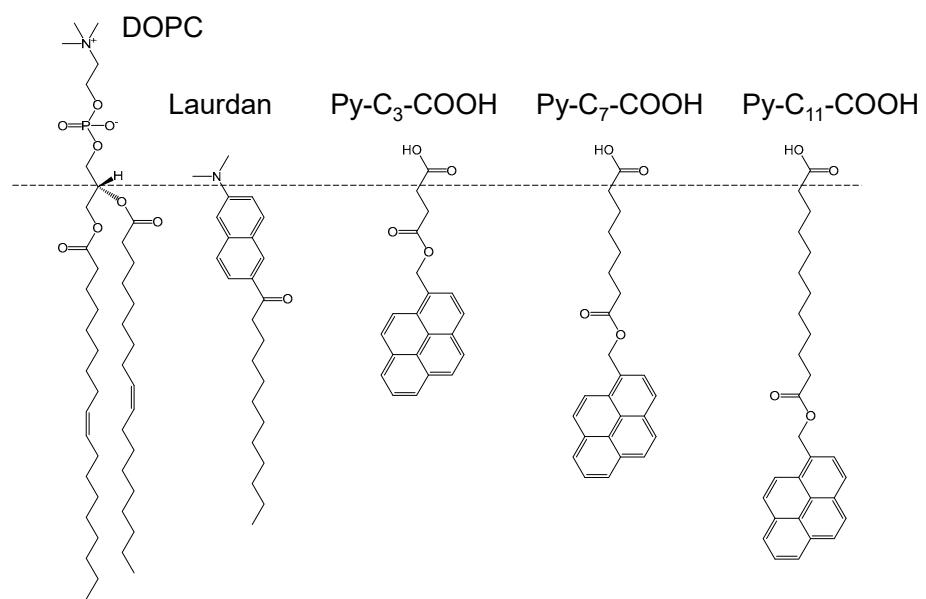


Figure. S7. Localization of fluorescence probes in liposome.

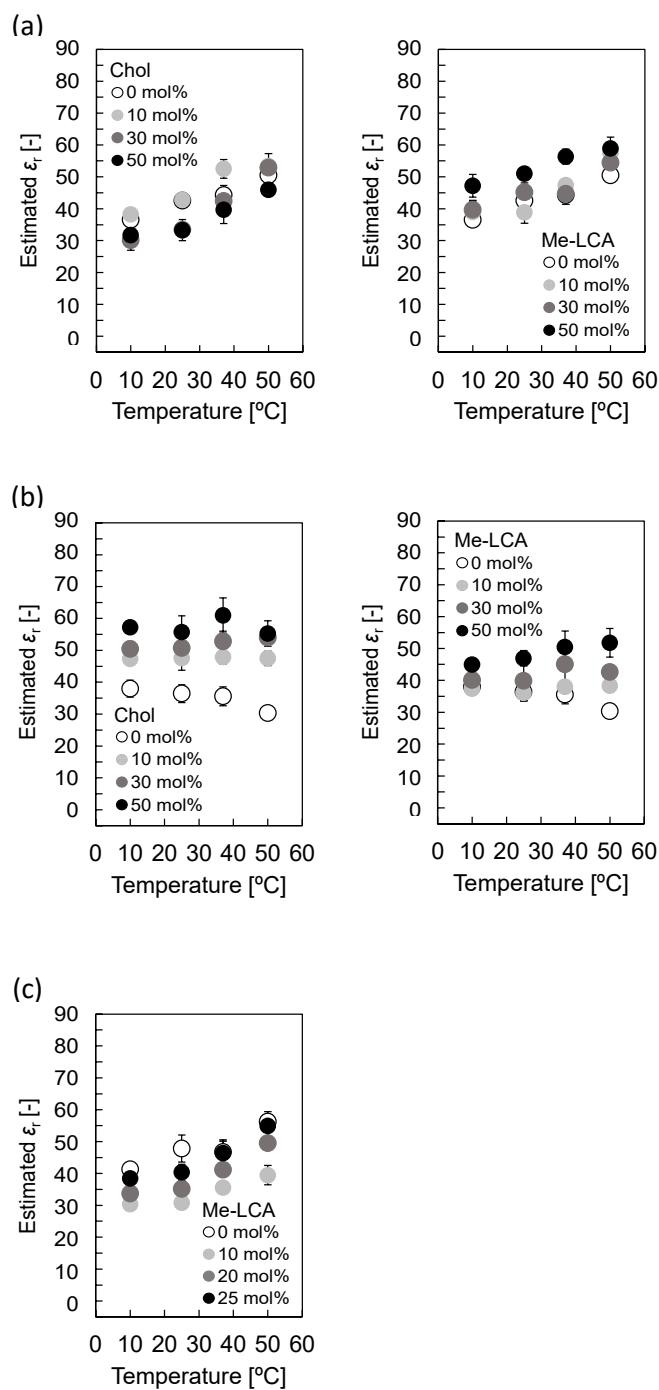


Figure. S8. Estimated ε_r values using Py-C₃-COOH of (a) DOPC liposome, (b) DPPC liposome, and (c) DOPC/DPPC/Chol (1:1:1, mol/mol) liposome with Me-LCA.

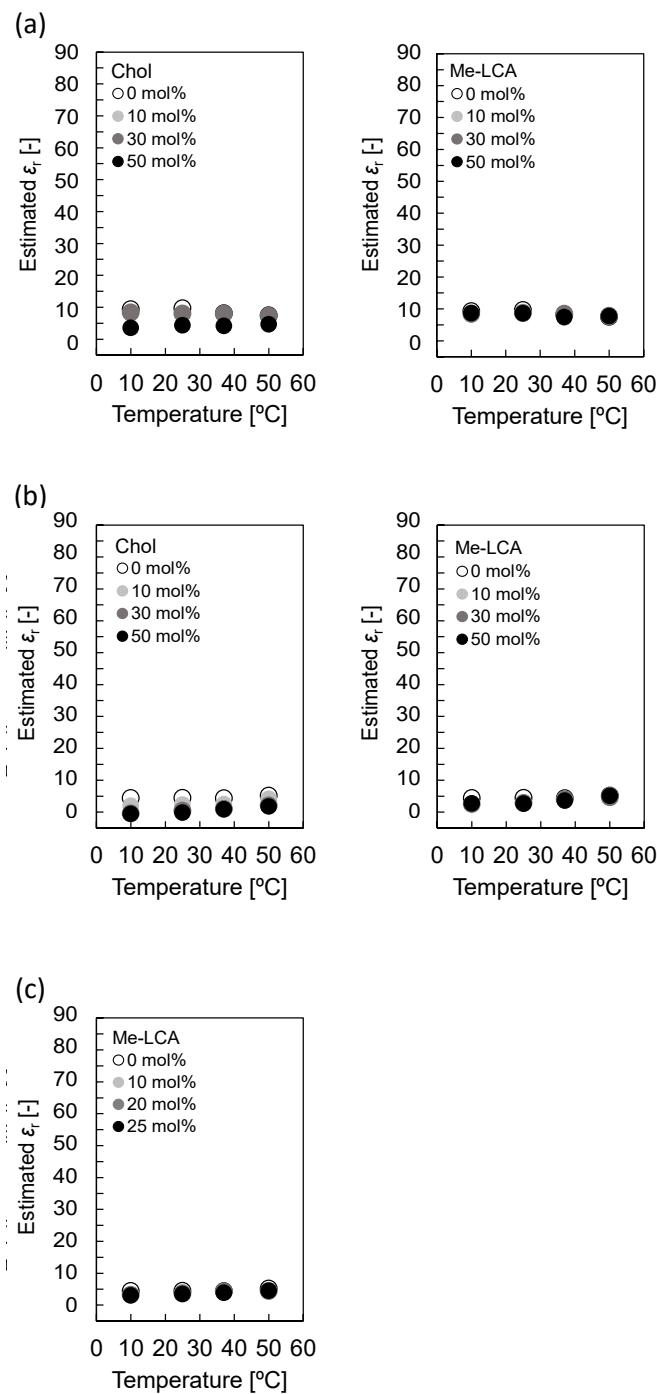


Figure. S9. Estimated ϵ_r values using Py-C₁₁-COOH of (a) DOPC liposome, (b) DPPC liposome, and (c) DOPC/DPPC/Chol (1:1:1, mol/mol) liposome with Me-LCA.

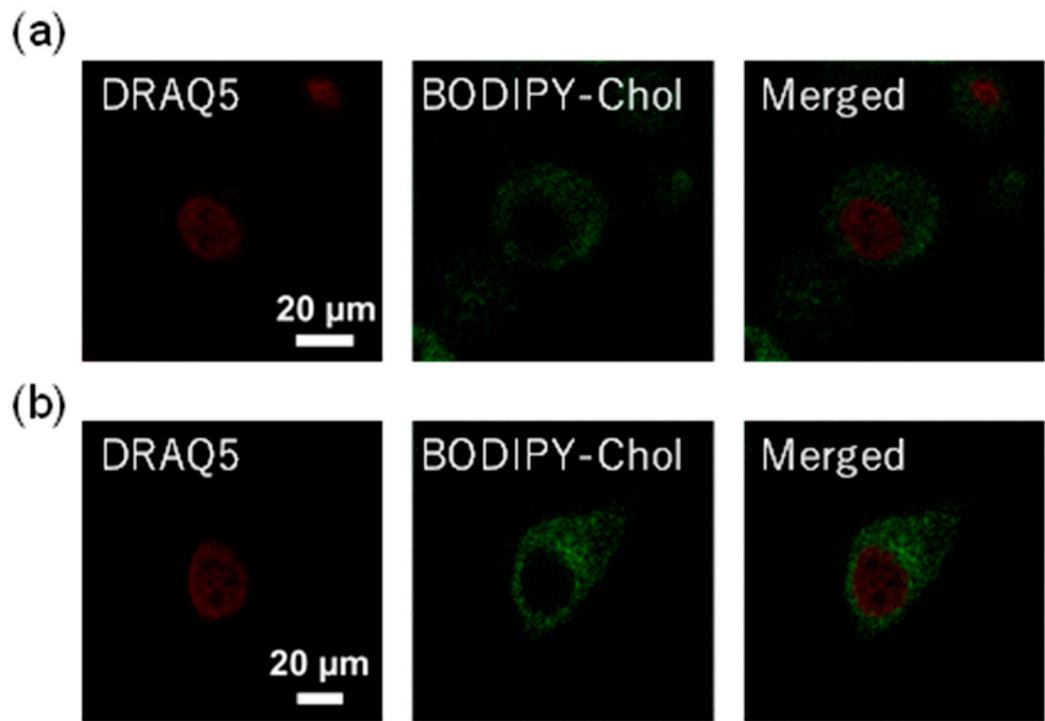


Figure. S10. Confocal laser fluorescence microscopy images of (a) Hep G2 and (b) HeLa cells treated with DRAQ5 (red) and BODIPY-Chol (green).