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Electronic supplementary information

Cationic amphiphilic calixarenes for DNA compaction into small nanoparticles and gene delivery

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$^1$H NMR, $^{13}$C NMR and FT-IR spectra for the synthesized compounds.

Fig. S1. $^1$H NMR of compound 5.
Fig. S2. $^{13}$C NMR of compound 5.
Fig. S3. FT-IR of compound 5.
**Fig. S4.** $^1$H NMR of compound 8.
Fig. S5. $^{13}$C NMR of compound 8.
Fig. S6. FT-IR of compound 8.
Fig. S7. $^1$H NMR of compound 9.
Fig. S8. $^{13}$C NMR of compound 9.
Fig. S9. FT-IR of compound 9.
Fig. S10. $^1$H NMR of compound 10.
Fig. S11. $^{13}$C NMR of compound 10.
Fig. S12. FT-IR of compound 10.
Fig. S13. $^1$H NMR of compound 11.
Fig. S14. $^{13}$C NMR of compound 11.
Fig. S15. FT-IR of compound 11.
Fig. S16. $^1$H NMR of compound 13.
Fig. S17. $^{13}$C NMR of compound 13.
Fig. S18. FT-IR of compound 13.
Fig. S19. $^1$H NMR of compound 14.
Fig. S20. $^{13}$C NMR of compound 14.
Fig. S21. FT-IR of compound 14.
**Fig. S22.** $^1$H NMR of compound 15.
Fig. S23. $^{13}$C NMR of compound 15.
Fig. S24. FT-IR of compound 15.
Fig. S25. $^1$H NMR of compound CX6.
Fig. S26. $^{13}$C NMR of compound CX6.
Fig. S27. FT-IR of compound CX6.
Fig. S28. $^1$H NMR of compound CX8N.
Fig. S29. $^{13}$C NMR of compound CX8N.
Fig. S30. FT-IR of compound CX8N.
Fig. S31. $^1$H NMR of compound CX12.
Fig. S32. $^{13}$C NMR of compound CX12.
Fig. S33. FT-IR of compound CX12.
Fig. S34. $^1$H NMR of compound CX3-16.
**Fig. S35.** $^{13}$C NMR of compound CX3-16.
Fig. S36. FT-IR of compound CX3-16.
Fig. S37. $^1$H NMR of compound CX16.
Fig. S38. $^{13}$C NMR of compound CX16.
Fig. S39. FT-IR of compound CX16.