

Supplementary Information for

Facile Synthesis and *in Vivo* Evaluation of Biodegradable Dendritic MRI Contrast Agents

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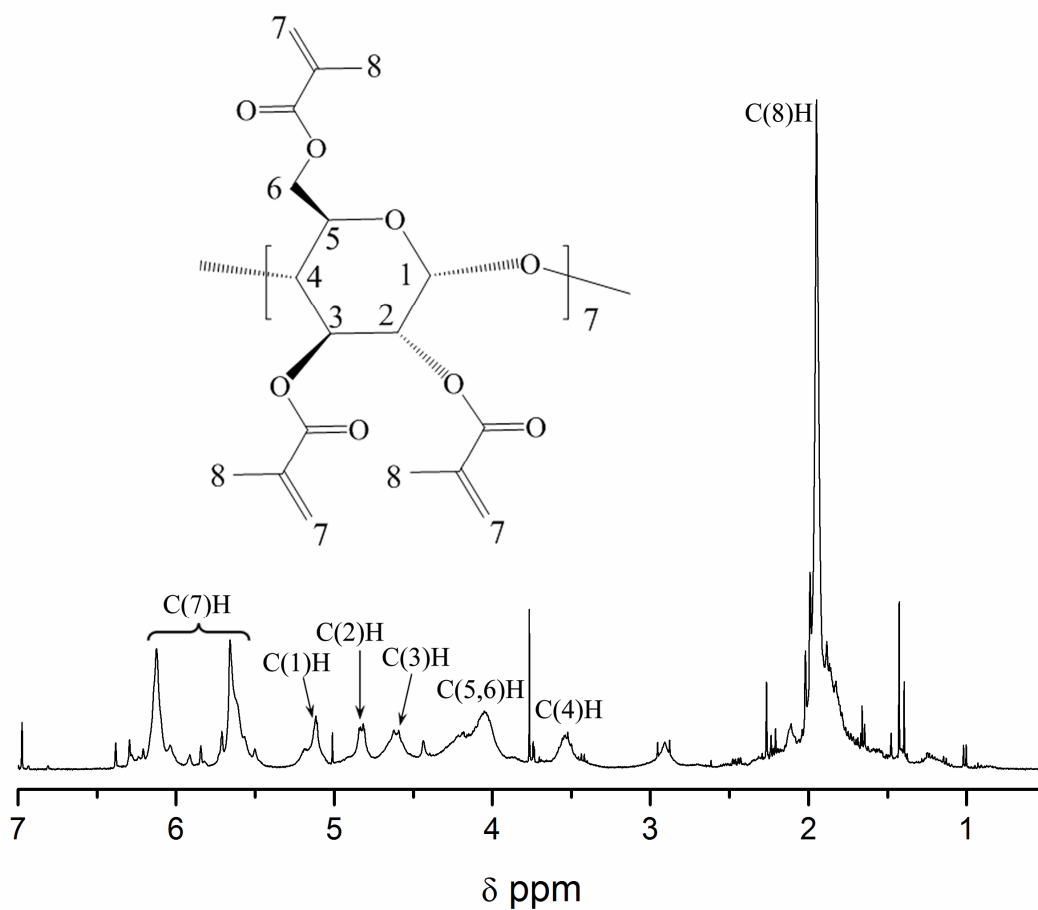


Fig. S1. $^1\text{H-NMR}$ spectrum of β -CDMA.

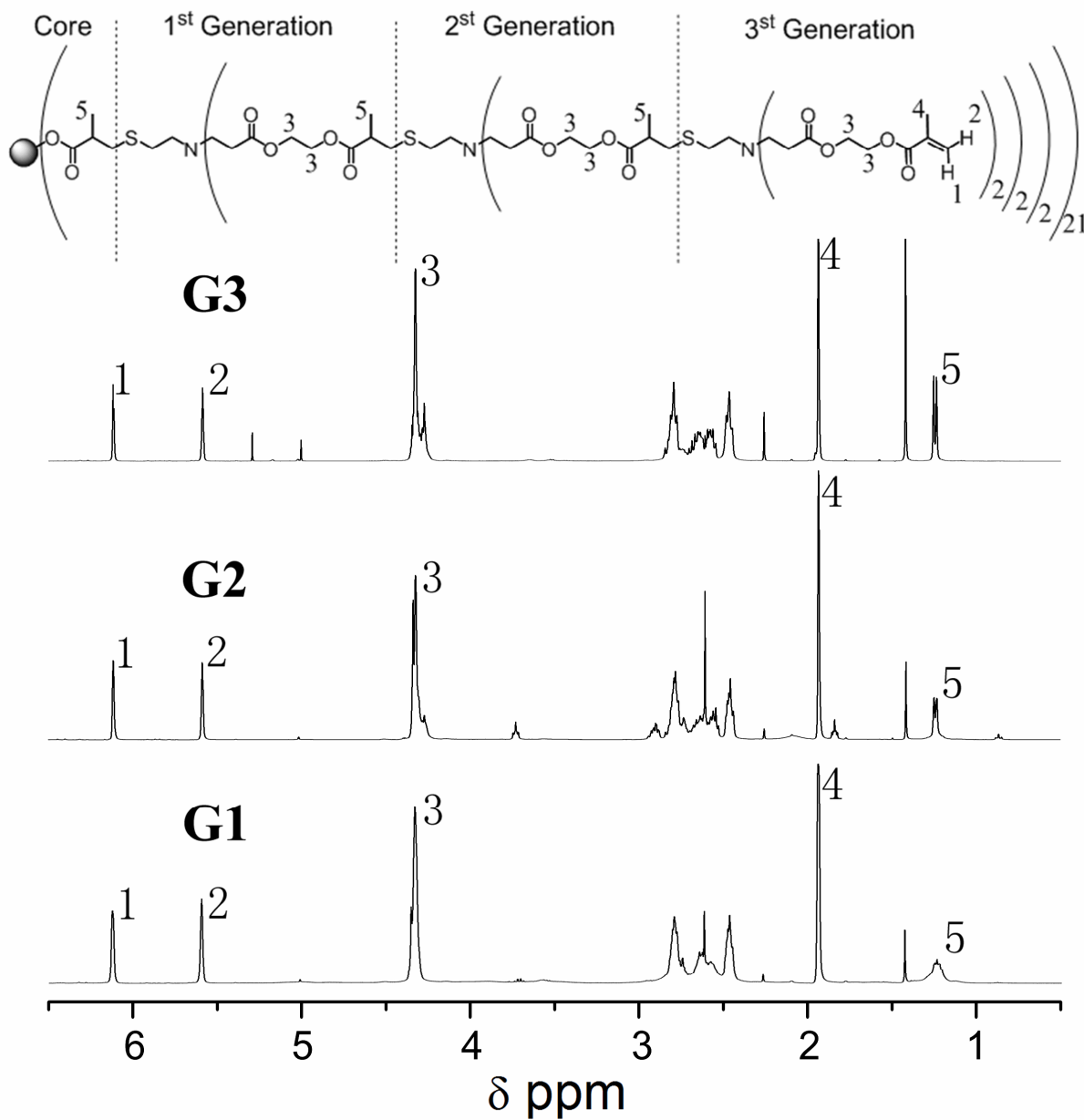


Fig. S2. ¹H-NMR spectra of the dendrimers.

Table S1. Mn and PDI of different generation, measured by GPC.

Generation (Gx)	Mn (GPC)	Mw (GPC)	PDI	Mn* (NMR)	# of peripheral methacrylate
G0	1800	1800	1.01	2500	20
G1	7900	8100	1.03	11500	40
G2	14200	14800	1.04	29300	80
G3	24200	25100	1.04	64900	160

* The theoretically molecular weight calculated from the NMR spectra.

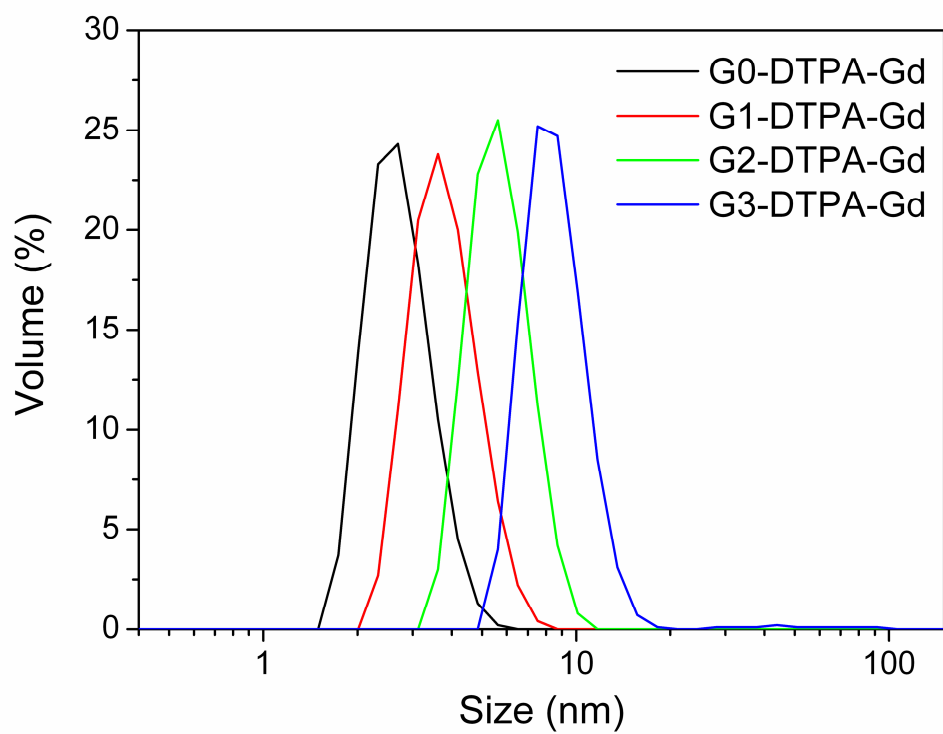


Figure S3. Size distribution of the DCAs measured by DLS

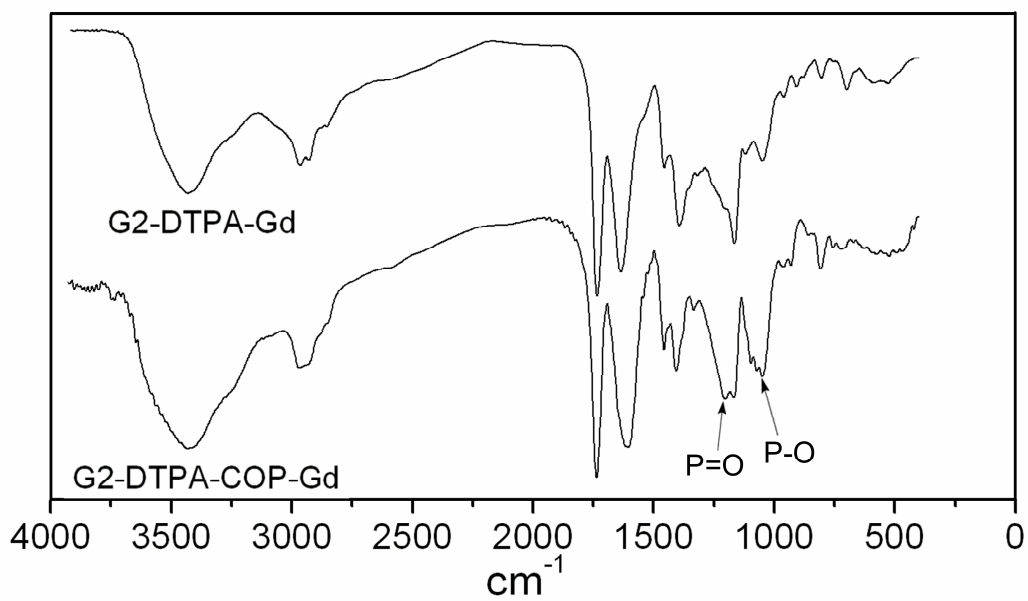


Fig. S4. FT-IR spectra of G2-DTPA-Gd and G2/COP-DTPA-Gd.