

Supplementary Information

The Potential of Peptide Dendron Functionalized and Gadolinium Loaded
Mesoporous Silica Nanoparticles as Magnetic Resonance Imaging Contrast Agents

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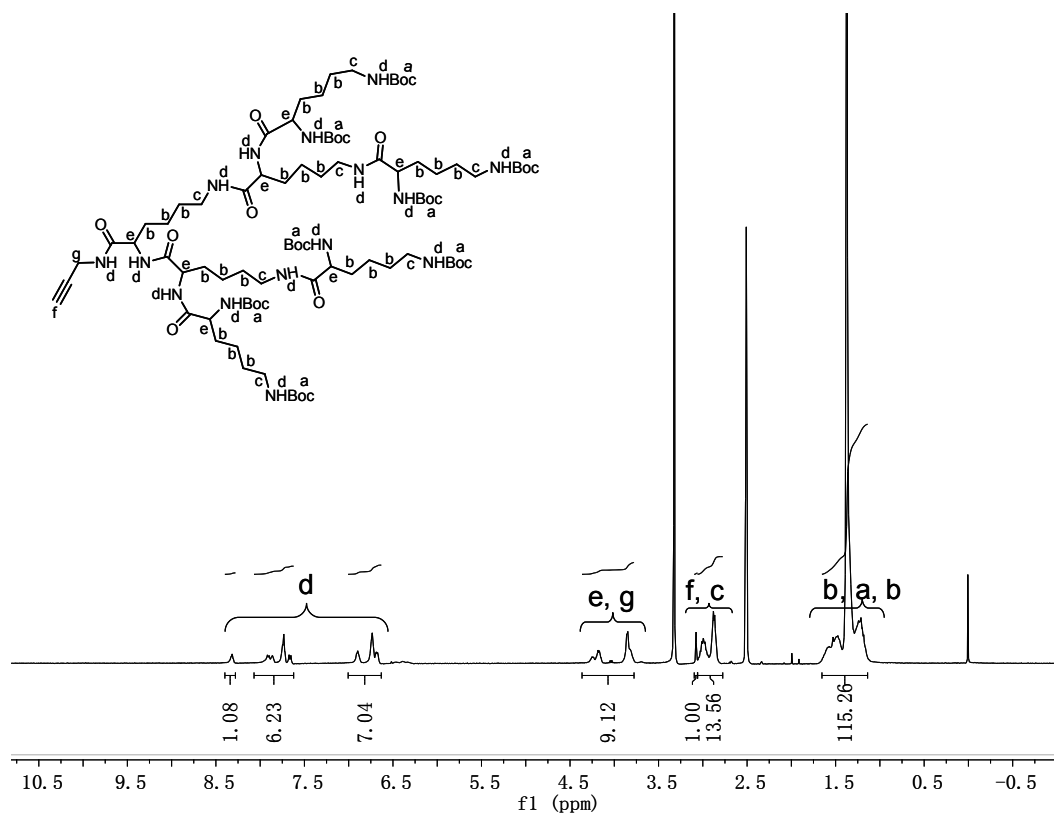


Fig. S1. ¹H NMR spectra of Dendron G3.

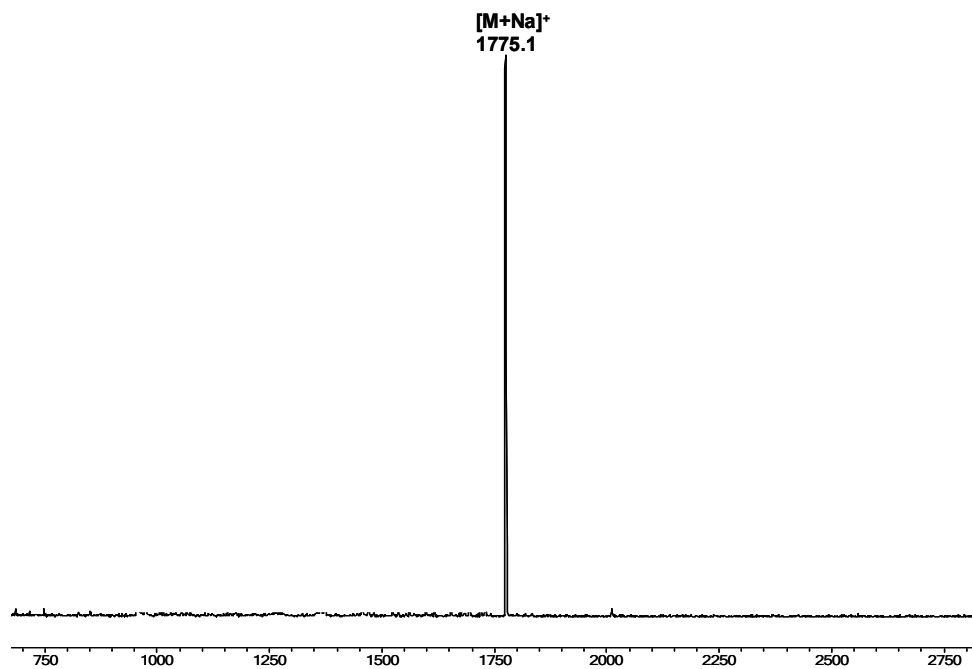


Fig. S2. Mass spectrum of Dendron G3, obtained from MALDI-TOF MS.

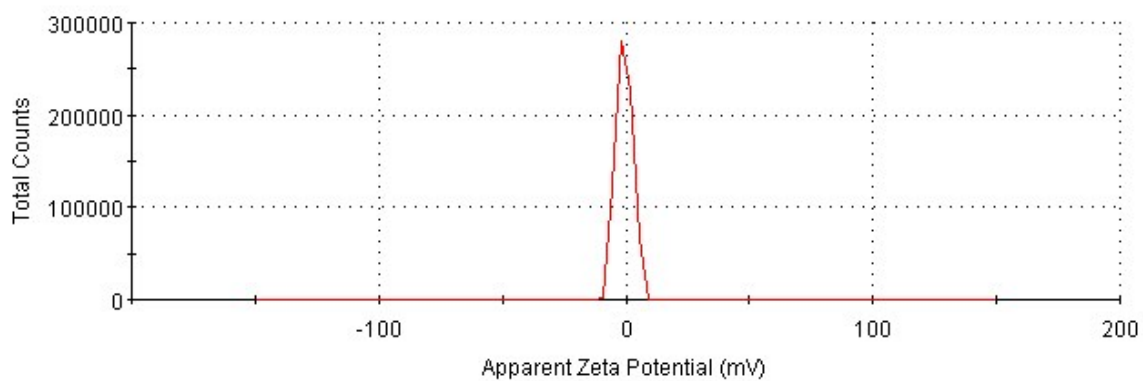


Fig. S3. The zeta potential of Compound 3 (-0.2 mV).

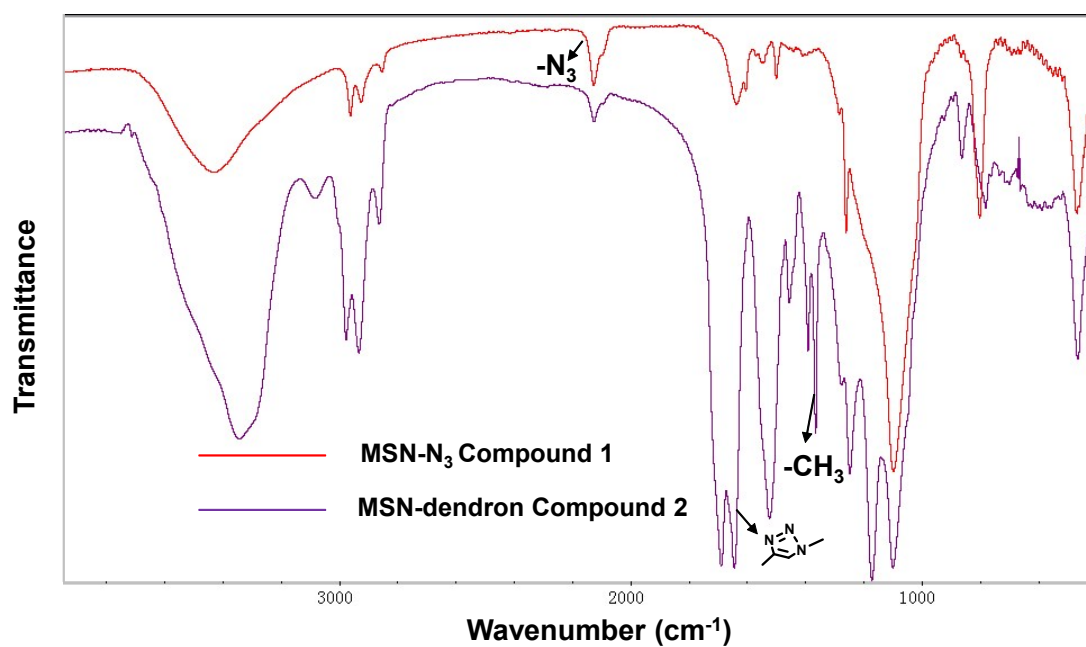


Fig. S4. The IR spectra of Compound 1 (red line) and Compound 2 (purple line).

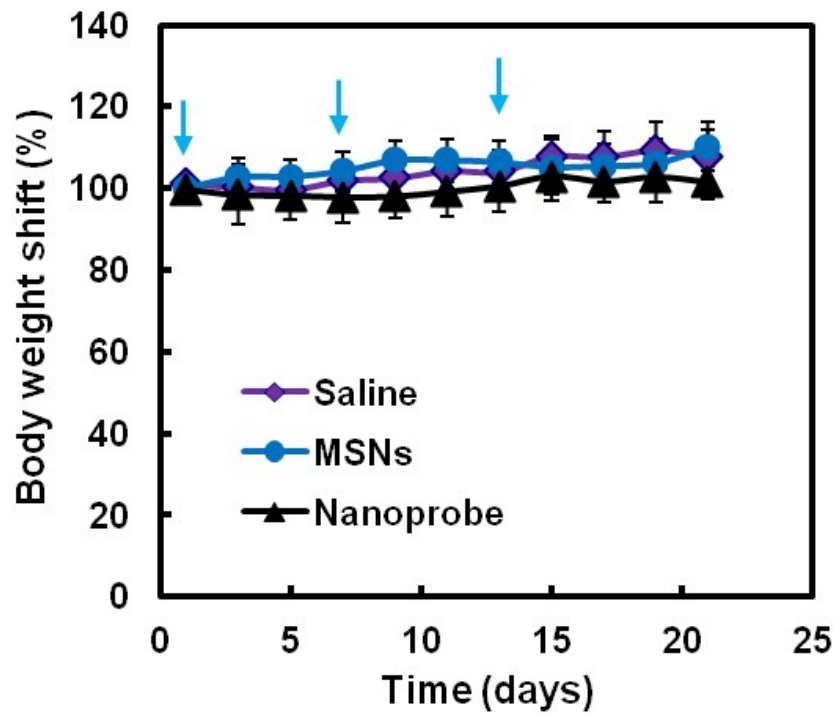


Fig. S5. Normal animal body weight shifts post-injection of saline as control, MSNs, and MSNs-dendron-Gd nanoprobe up to day 21. (n = 5 mice per group).