

Endowing carbon nanotubes with superparamagnetic properties: applications for cell labeling, MRI cell tracking and magnetic manipulations

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Electronic Supplementary Information

General

FT-IR spectra were obtained on a Digilab FTS 3000 FT-IR spectrometer. The samples were gently ground and mixed with non-absorbent KBr matrices. Dynamic light scattering measurements were performed using a nanosize MALVERN (nano ZS) apparatus.

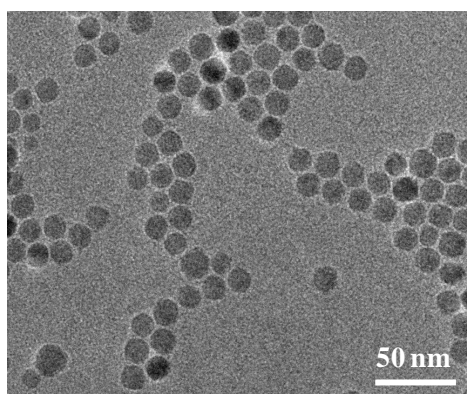


Figure S1. TEM images of iron oxide superparamagnetic NPs.

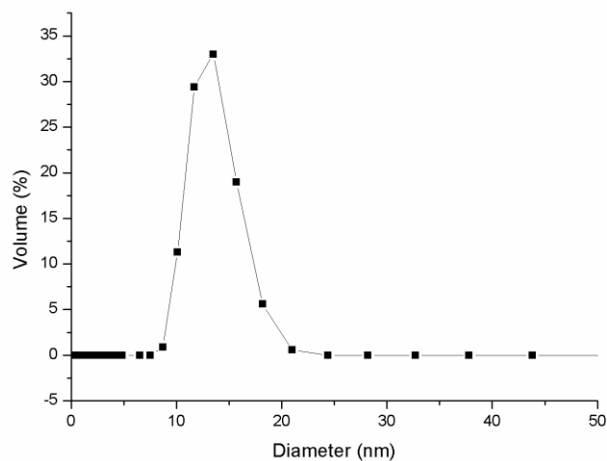


Figure S2. Particle size distribution (determined by dynamic light scattering) of iron oxide superparamagnetic NPs in suspension in hexane.

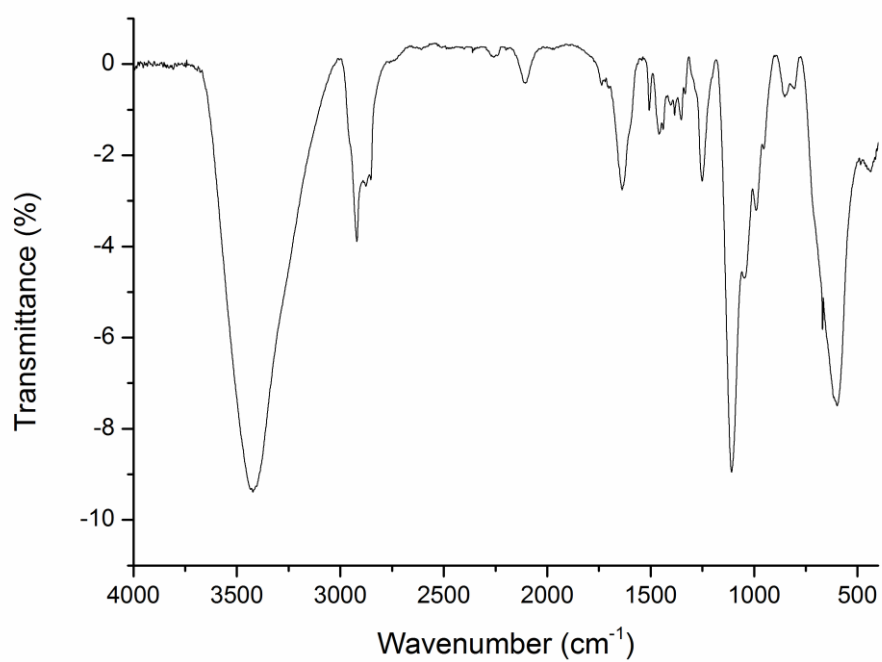


Figure S3. FT-IR spectrum of azide-dendron-coated NPs **10**.