

Supporting Information

of

Enzyme-Induced and Tumor Targeted Drug Delivery System Based
on Multifunctional Mesoporous Silica Nanoparticles

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Table S1. BET and BJH parameters of different nanoparticles.

Sample	BET surface area	BET pore volume	BJH pore diameter
	$S_{\text{BET}}(\text{m}^2/\text{g})$	$V_{\text{p}}(\text{cm}^3/\text{g})$	$V_{\text{BJH}}(\text{\AA})$
MSN	1136.74	1.10	38.63
MSN-NH ₂	810.30	0.71	34.89
MSN-alkyne	604.91	0.47	29.25
DOX@MSN-GFLGR ₇ RGDS/ α -CD	88.54	/	/

%Int. 252 mV[sum= 17914 mV] Profiles 430-500 Unsmoothed -Baseline 60

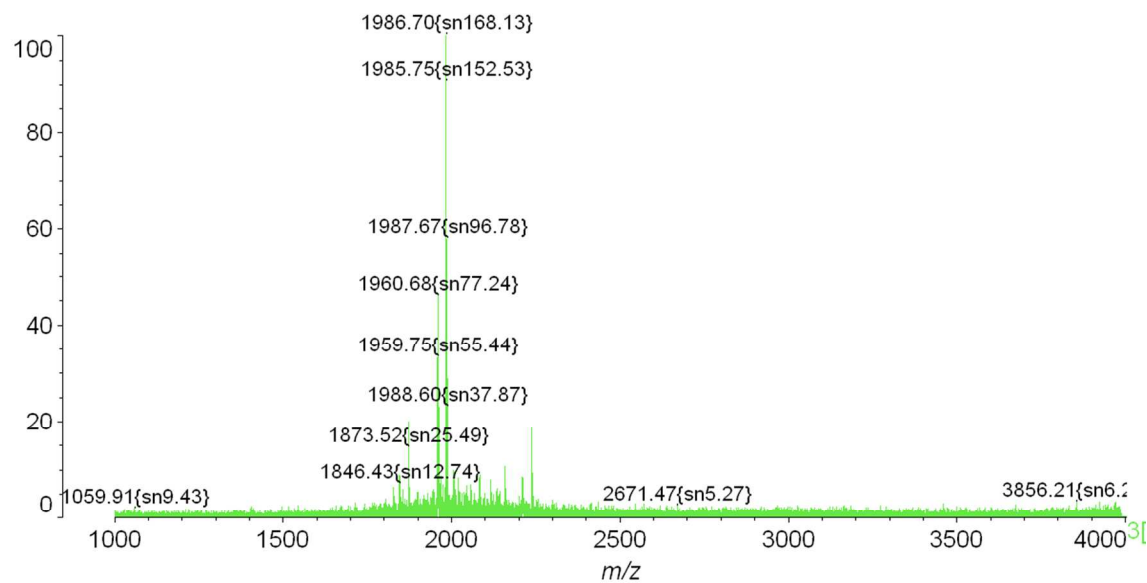


Figure S1. MALDI-TOF spectrum of azido-GFLGR₇RGDS

ESI-2014-0625-ch-4 #26-28 RT: 0.76-0.82 AV: 3 NL: 3.97E8
T: + c ESI Full ms [50.00-2000.00]

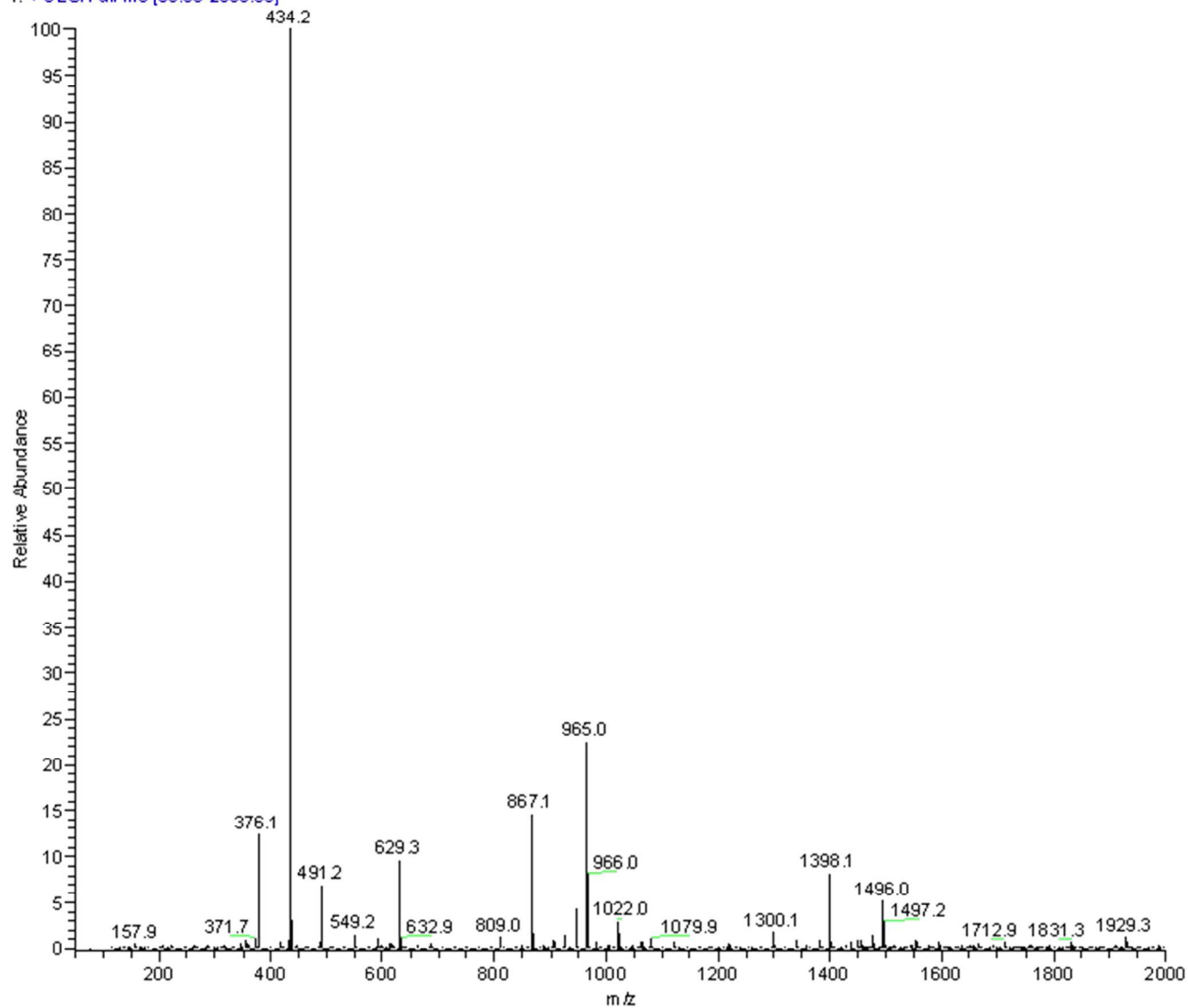


Figure S2. ESI-MS of RGDS

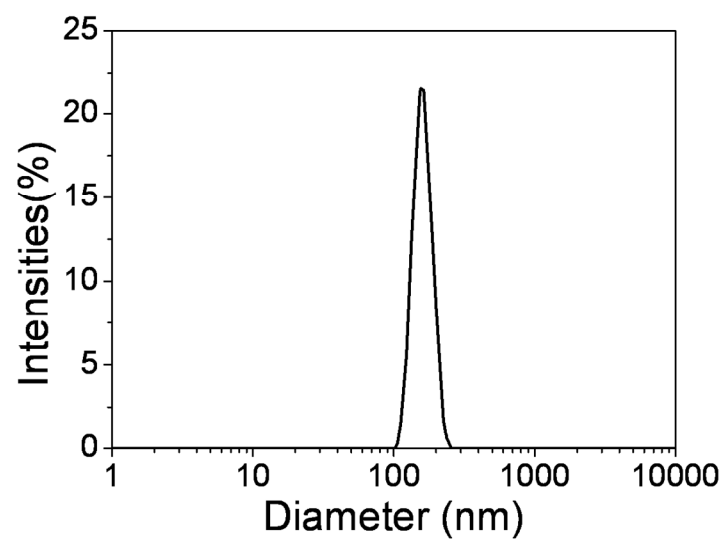


Figure S3. Size distribution of blank MSNs in PBS (pH 7.4, 10 mM) at 37 °C.

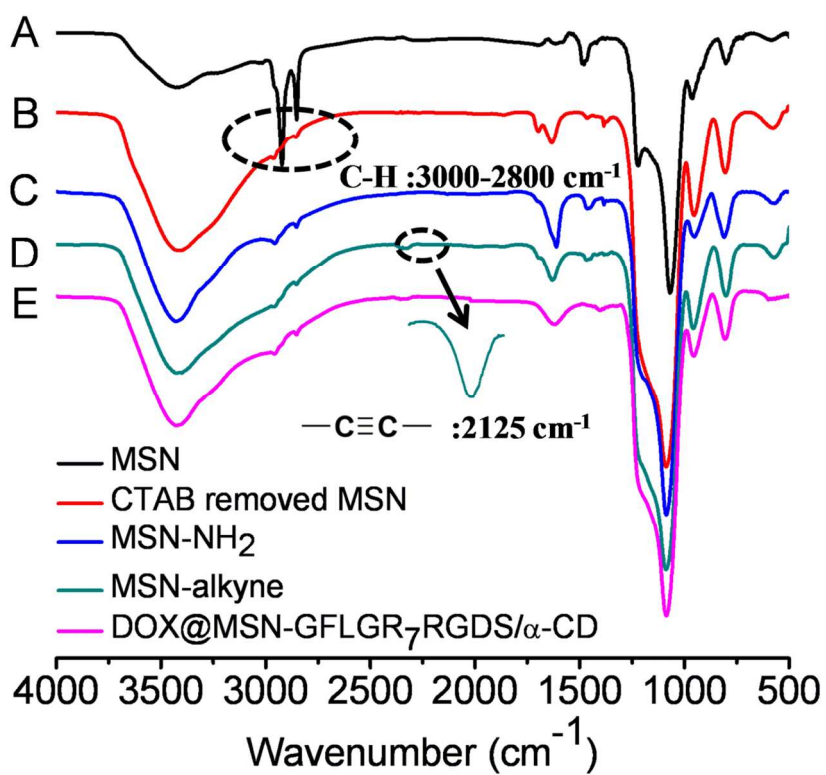


Figure S4. FT-IR spectra of MSN (A), CTAB removed MSN (B), MSN-NH₂ (C), MSN-alkyne (D), DOX@MSN-GFLGR₇RGDS/ α -CD (E).