

Supporting Information

Fabrication of Single-Hole Glutathione-Responsive Degradable Hollow Silica Nanoparticles for Drug Delivery

Dongdong Wang,^a Zhigang Xu,^a Zhenjie Chen,^b Xiaoyan Liu,^a Cuilan Hou,^b Xiaoyu Zhang,^b Haixia Zhang ^{*,a}

^a State Key Laboratory of Applied Organic Chemistry, Lanzhou University, Lanzhou 730000, China

^b Institute of Physiology, School of Basic Medical Sciences, Lanzhou University, Lanzhou 730000, China

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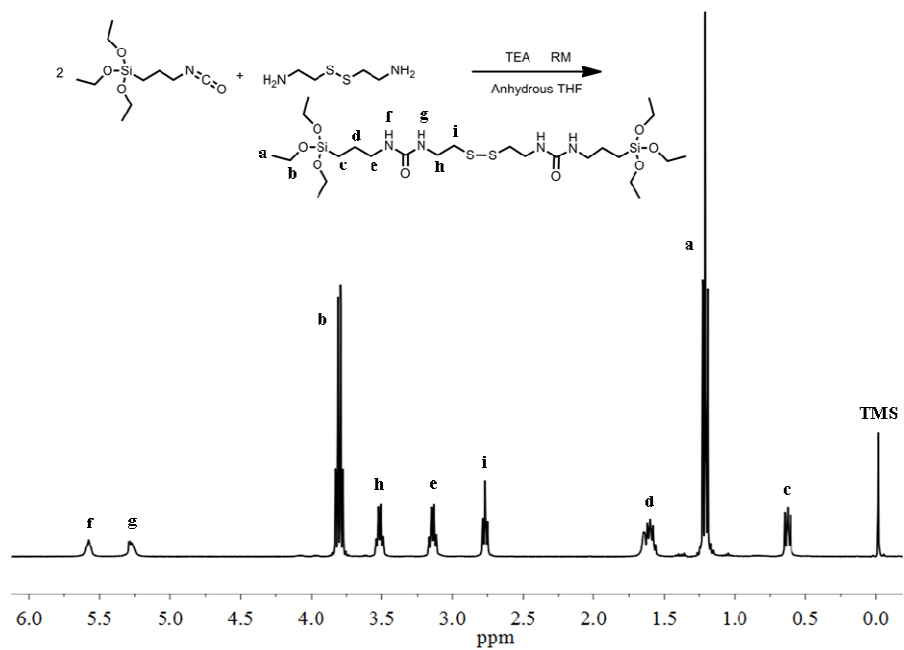


Figure S1. Synthetic route and ^1H NMR spectrum of BTOCD.

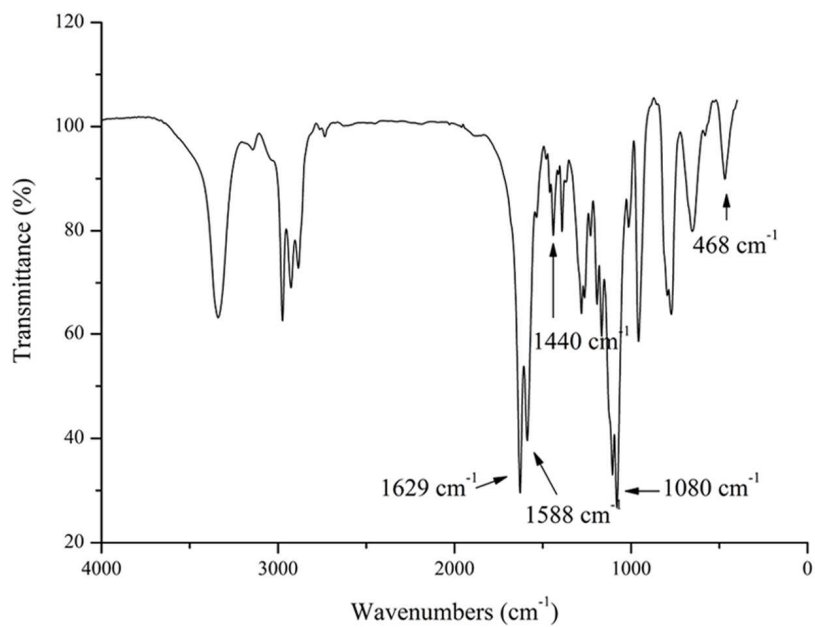


Figure S2. FTIR spectrum of BTOCD.

Table S1. Elemental analysis data of PS/SO₃H, PS/G-DSS, and G-DHSNs.

	N (%)	C (%)	H (%)
PS/SO ₃ H	0.00	89.59	7.51
PS/G-DSS	0.58	54.50	5.10
G-DHSNs	1.25	18.70	2.74

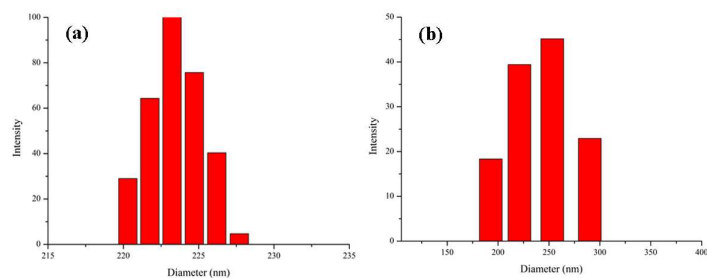


Figure S3. Size distribution of (a) PS nanospheres and (b) G-DHSNs by DLS.

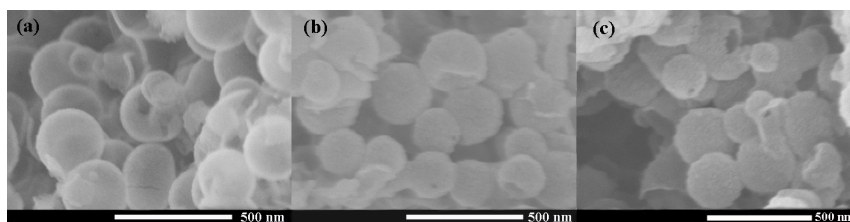


Figure S4. SEM images of G-DHSNs incubated in PBS (50 mM, pH 7.4) without GSH for (a) 0 h, (b) 24 h, (c) 48 h.