

Supporting Information

pH-responsive drug delivery system based on chitosan coated mesoporous silica nanoparticles

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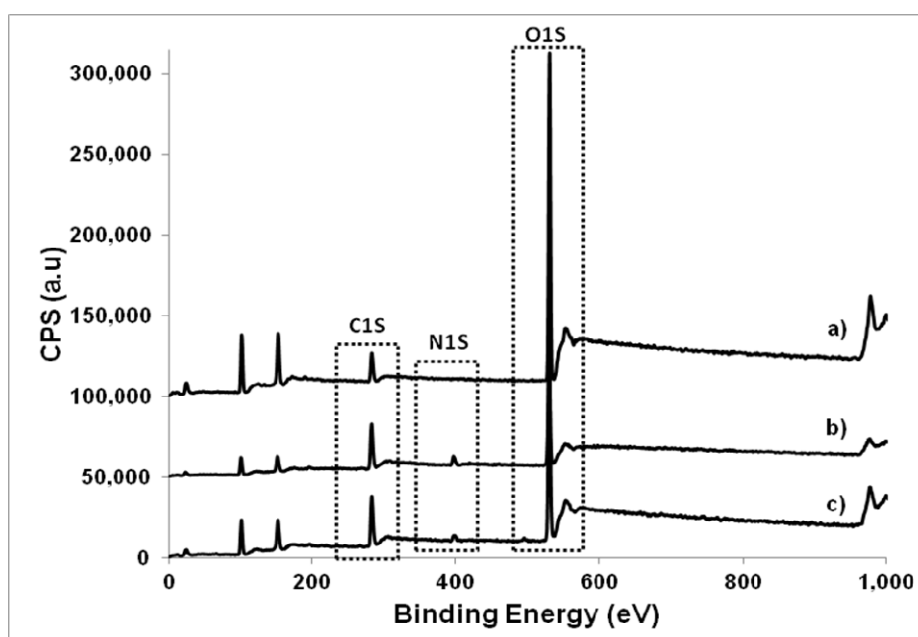


Fig.S1 XPS survey spectra of a) MCM-41-PO₃⁻, b) MCM-41-P-Cs, c) MCM-41-P-Cs-Glu

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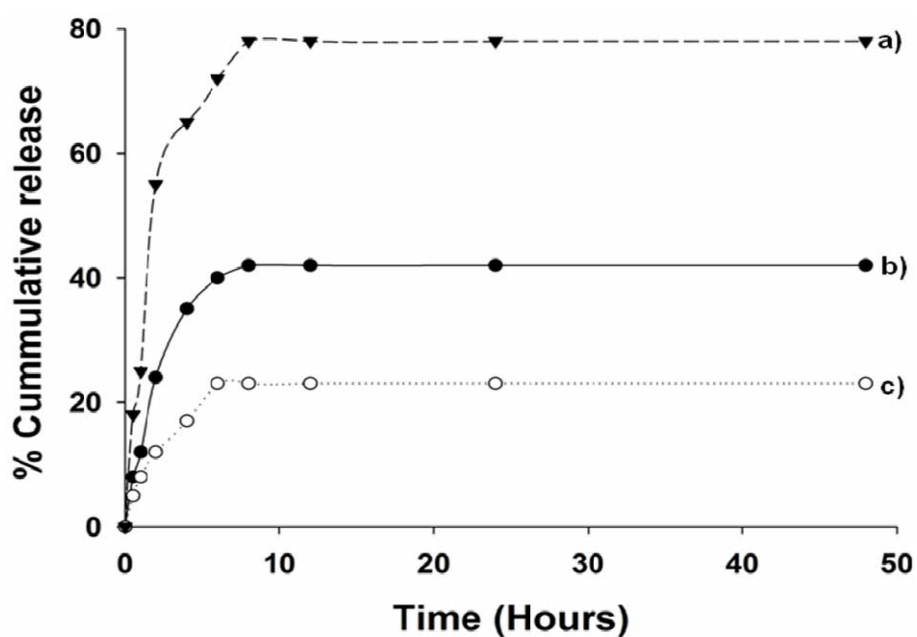


Fig S2. Cumulative release of Ibuprofen from various MSNs coated by different molecular weight chitosan: a) LMwtCs, b) MMwtCs, c) HMwtCs

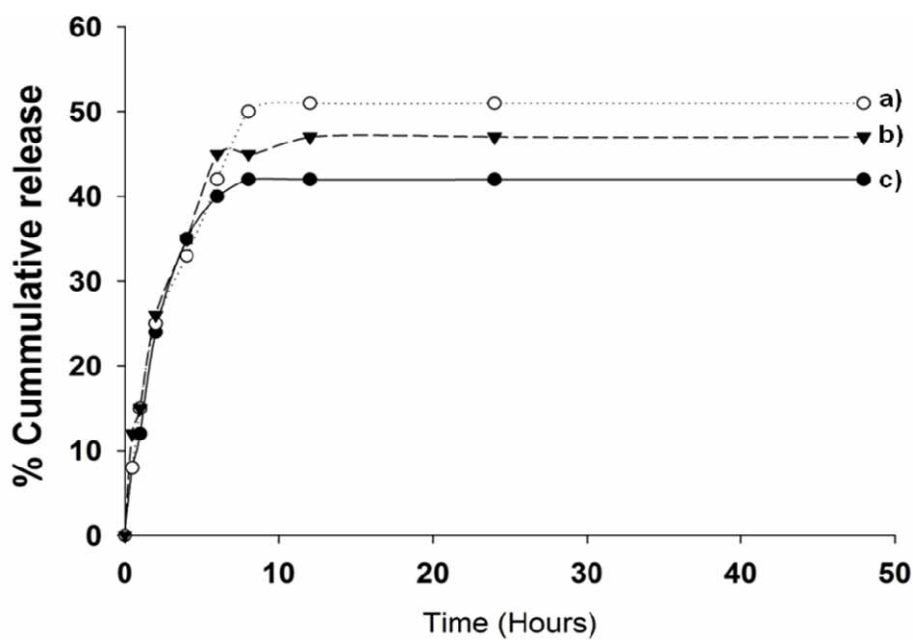


Fig S3. Cumulative release of Ibuprofen from various MSNs coated by different concentration of MMwtCs: a) 1%w/v, b) 2% w/v, c) 5% w/v