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**A facile vesicle template route to multi-shelled
mesoporous silica hollow nanospheres†**

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Fig. S3 Nitrogen adsorption (●) and desorption (○) isotherm curves (A) and pore size distributions (B) of MMSHNs prepared at different amount of aqueous ammonia: (a) aqueous ammonia=0.2 mL (MMSHNs-6); (c) aqueous ammonia=0.4 mL (MMSHNs-2), (c) aqueous ammonia=0.6 mL (MMSHNs-7).

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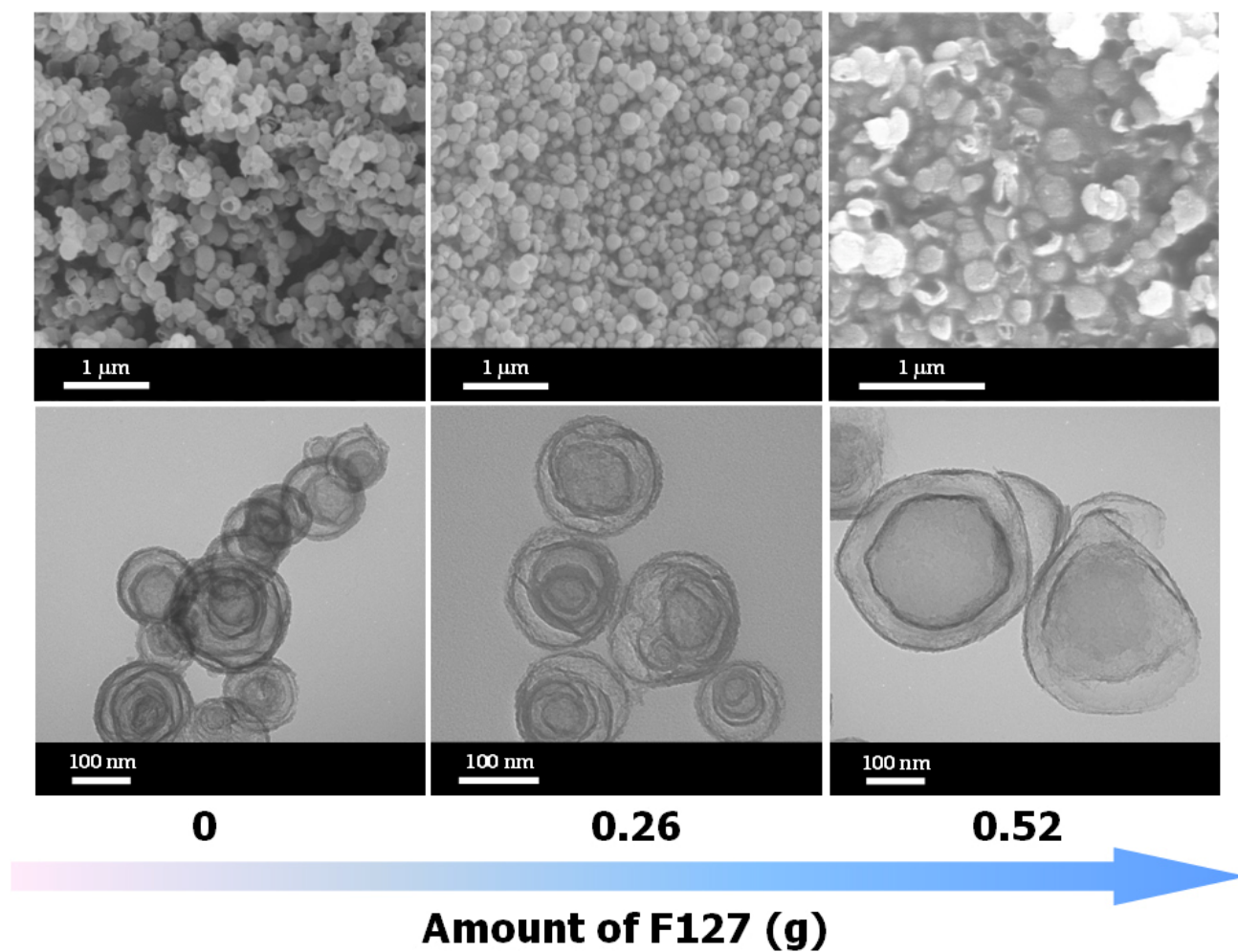


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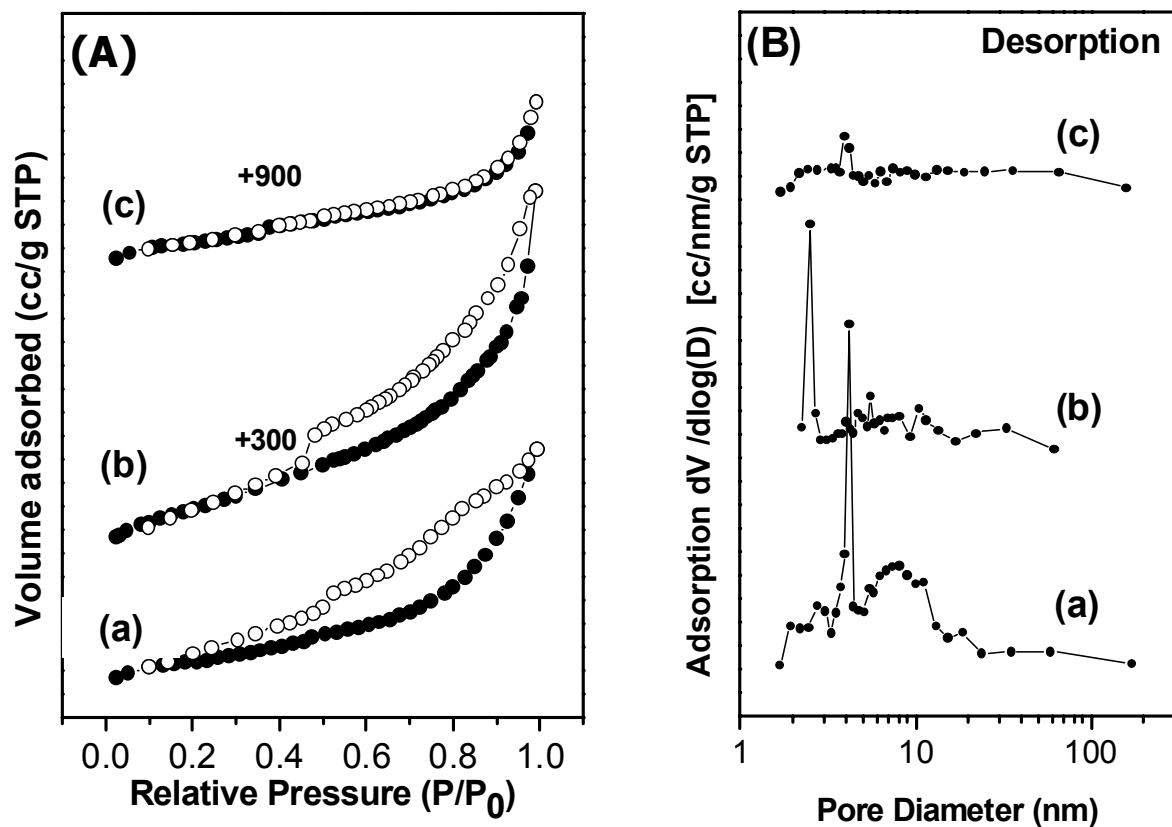


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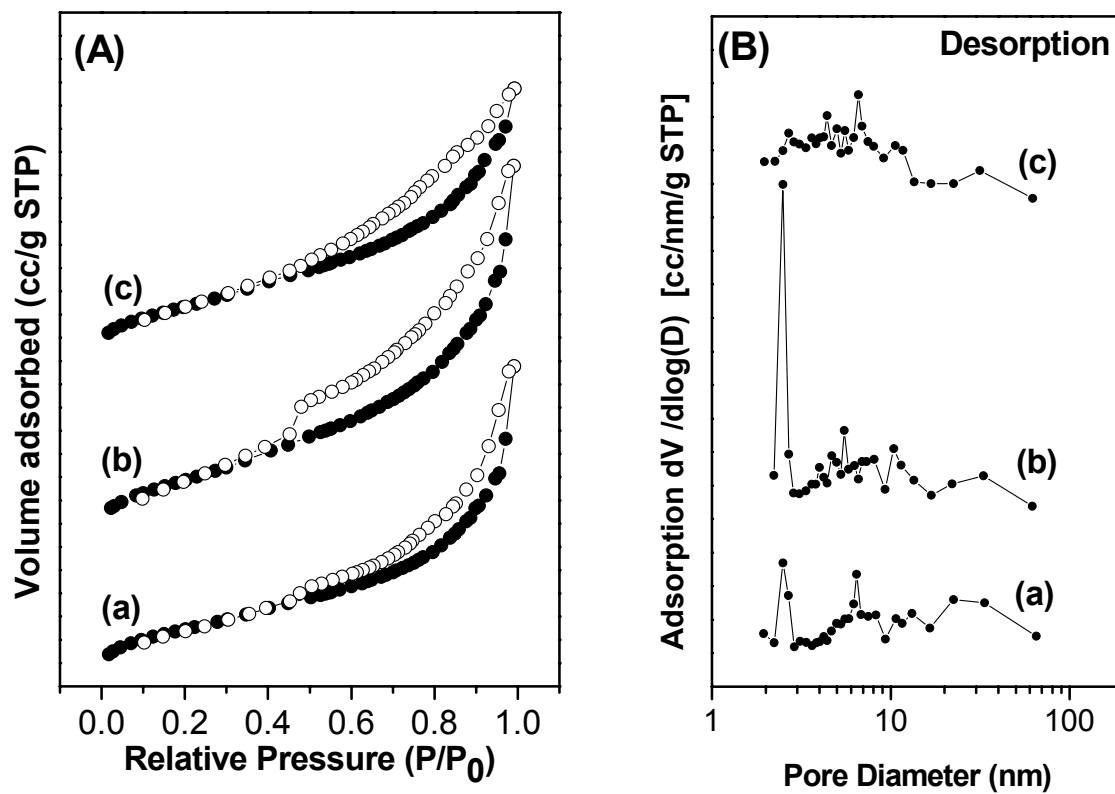


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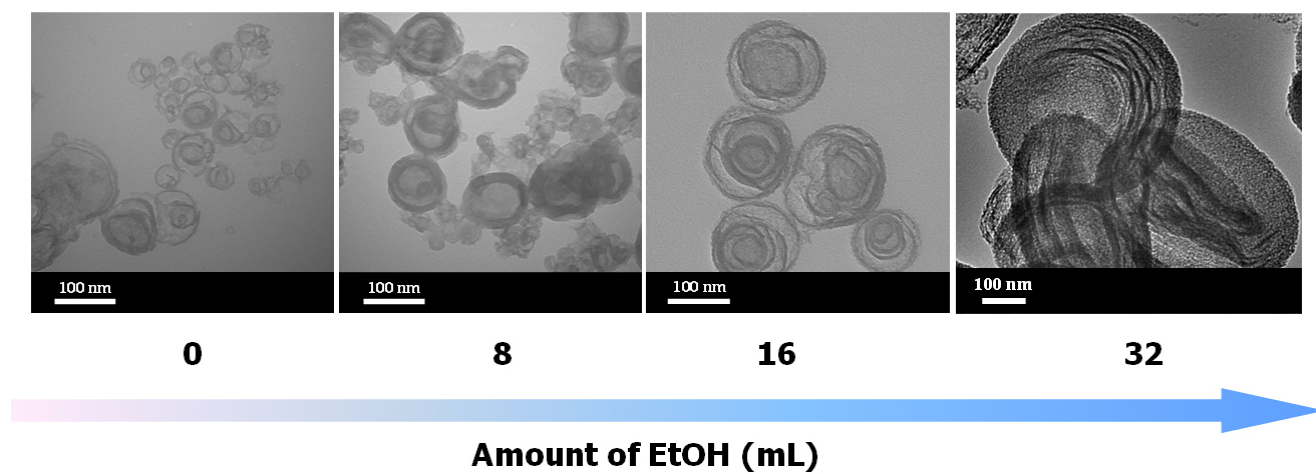


Fig. S4 TEM images of MMSHNs prepared with different amount of ethanol by using FC4/F127 molar ratio of 48.

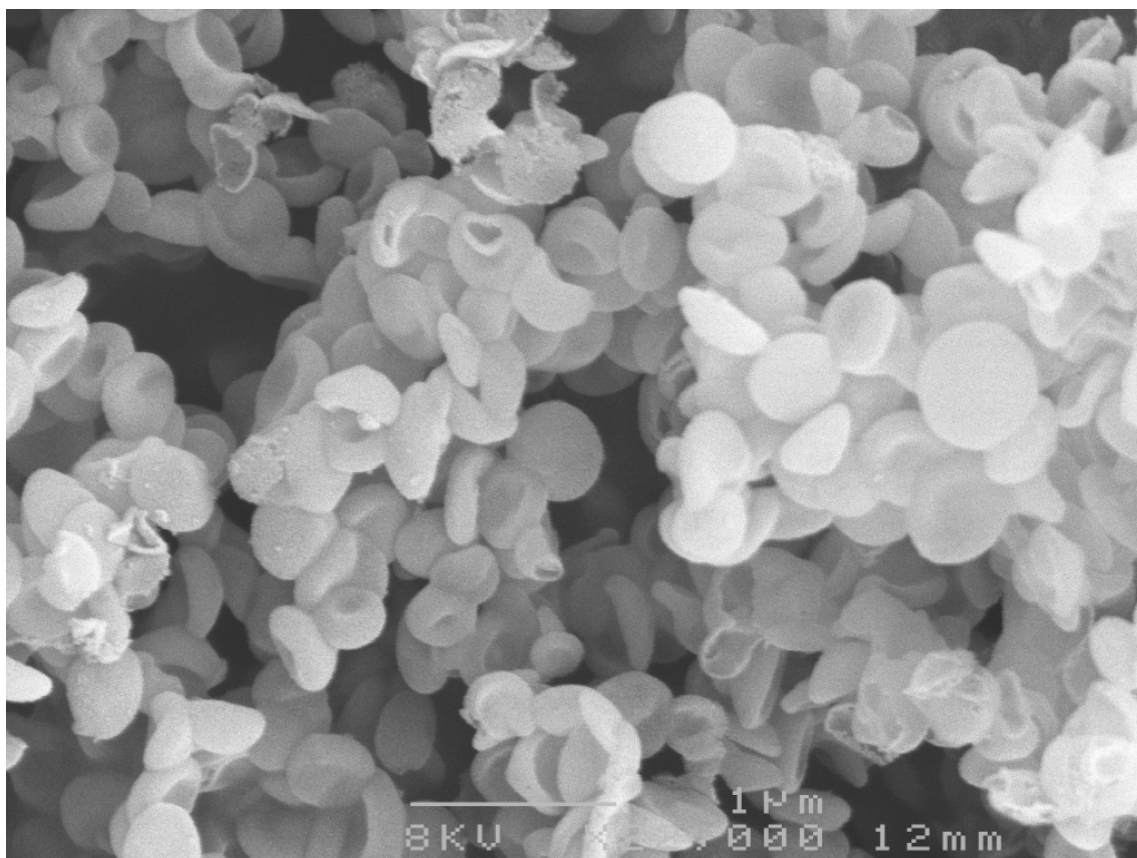


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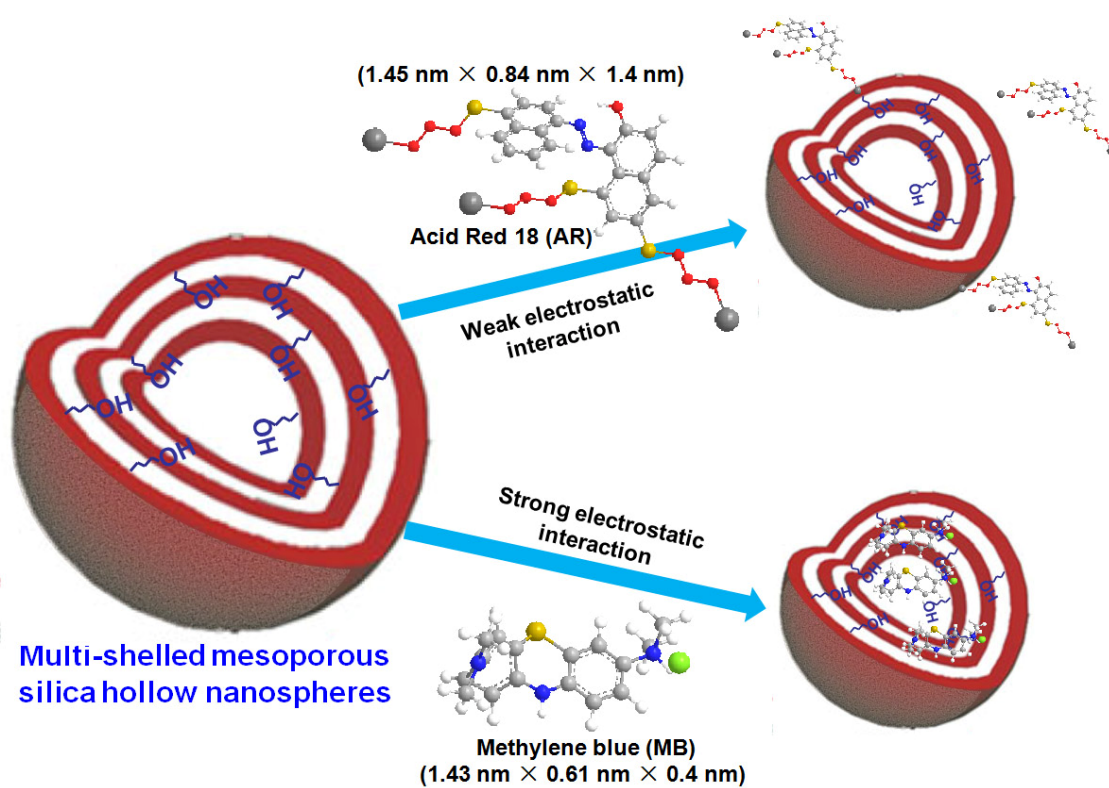


Fig. S6 Schematic illustration the interactions between the dyes and multi-shelled mesoporous silica hollow nanospheres.