† Electronic supplementary information (ESI)

Novel graphene capsule-aminoporphyrin nanohybrids : preparation and

application in photodynamic therapy of cancer

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Fig. S1.DLS measurements of graphene capsules(a) and GC-aminoporphyrins.



Fig. S2. (a,b) TEM images of rGO sheets obtained when the concentration of hydrazine hydrate was below 0.5%. (c,d) TEM images of graphene capsules opened when the concentration of hydrazine hydrate was over 0.8%.



Fig. S3 Wide scan XPS of the GCs.



Fig. S4. SEM image of aminoporphyrin nanorods