Electronic Supplementary Material (ESI) for RSC Advances.

Thermoresponsive polyamic acid-conjugated gold nanocarrier for enhanced light-triggered 5-fluorouracil release

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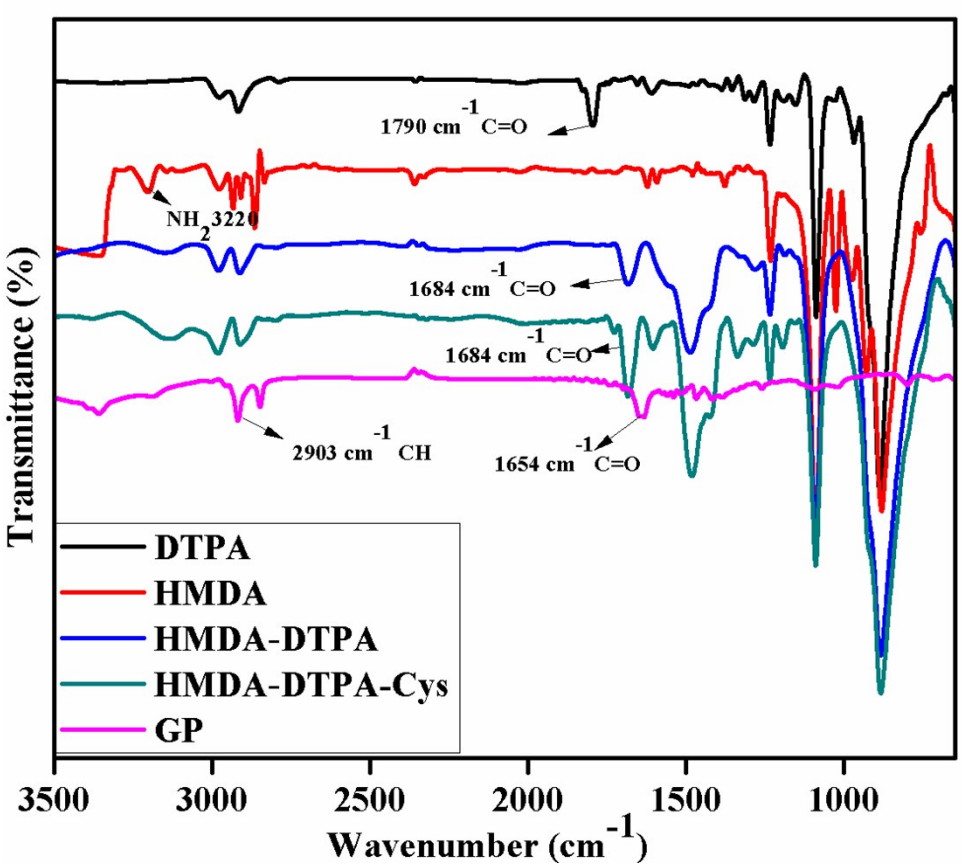

Figure S1: Shows the FT-IR Spectra of synthesized polymer.

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Measurement Results

Native Gold 2.nzt

Measurement Results

Date	:	2015年8月4日 下午 07:17:22
Measurement Type	:	Zeta Potential
Sample Name	:	Native Gold
Temperature of the holder	:	25.0 蚓
Viscosity of the dispersion medium	:	0.896 mPa新
Conductivity	:	0.081 mS/cm
Electrode Voltage	:	3.8 V

Calculation Results

Peak No.	Zeta Potential	Electrophoretic Mobility
1	-25.7 mV	-0.000199 cm2/Vs
2	--- mV	--- cm2/Vs
3	--- mV	--- cm2/Vs

Zeta Potential (Mean)	:	-25.7 mV
Electrophoretic Mobility mean	:	-0.000199 cm^2/Vs

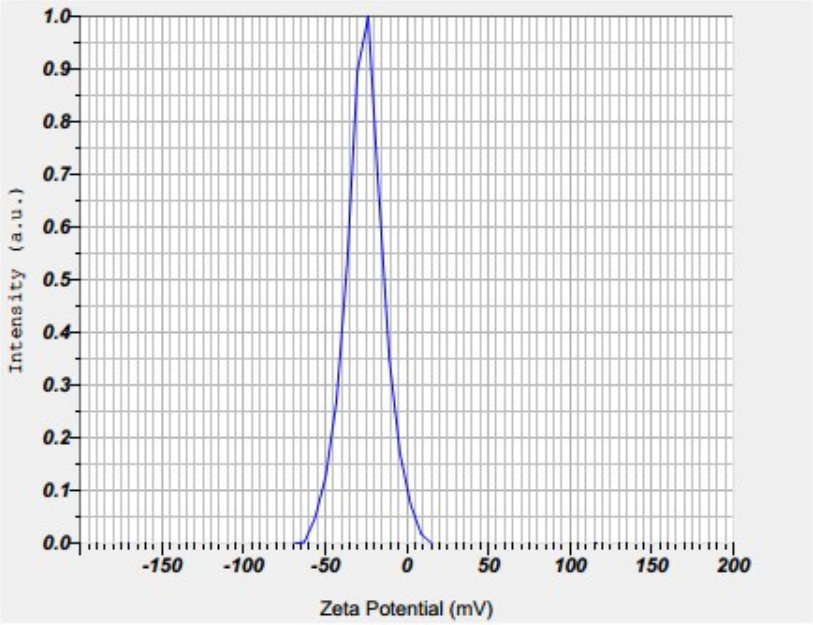

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Figure S2: Zeta Potential of Synthesized GPNs nanoparticle.

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Measurement Results

Polymer Gold 2.nzt

Measurement Results

Date	:	2015年8月4日 下午 08:12:24
Measurement Type	:	Zeta Potential
Sample Name	:	Polymer Gold
Temperature of the holder	:	25.0 蚓
Viscosity of the dispersion medium	:	0.895 mPa新
Conductivity	:	0.141 mS/cm
Electrode Voltage	:	3.4 V

Calculation Results

Peak No.	Zeta Potential	Electrophoretic Mobility
1	-32.9 mV	-0.000255 cm2/Vs
2	--- mV	--- cm2/Vs
3	--- mV	--- cm2/Vs

Zeta Potential (Mean)	:	-32.9 mV
Electrophoretic Mobility mean	:	-0.000255 cm^2/Vs

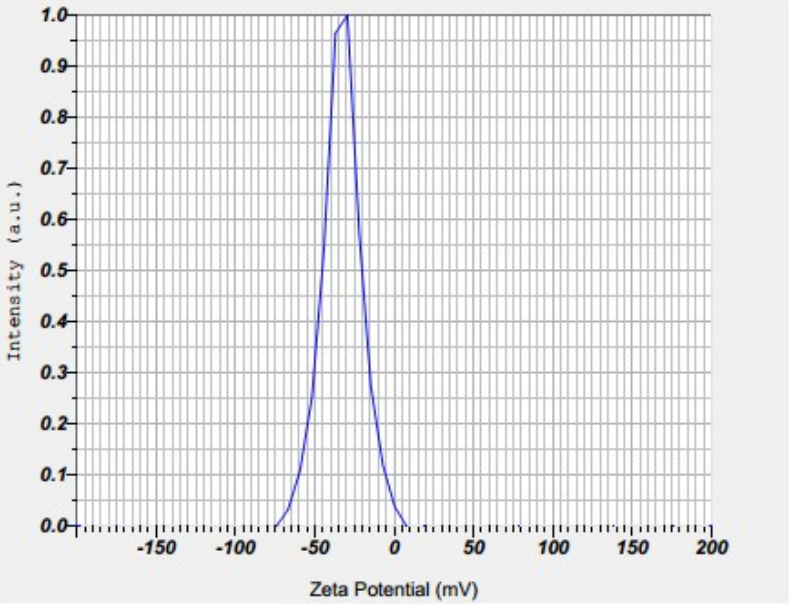

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Figure S3: Zeta Potential of Synthesized GP nanoparticle.

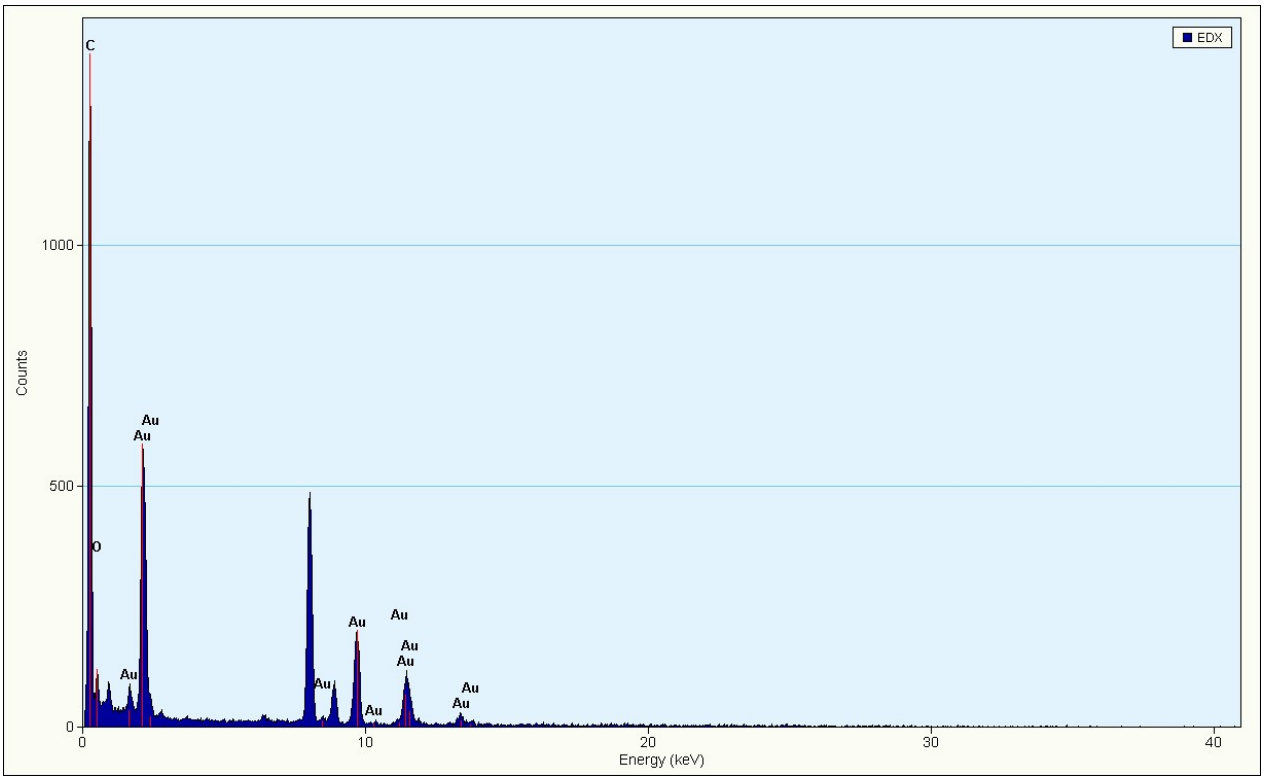

Figure S4: EDX spectrum of Synthesized GP nanocluster.