## **Supporting Information**

## **Dual Stimuli-Responsive Block Copolymers for Controlled Release Triggered by Upconversion Luminescence or Temperature Variation**

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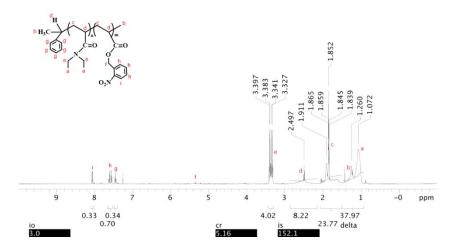


Figure S1. <sup>1</sup>H NMR (600MHz) spectrum of PDEAAm-b-PNBA.

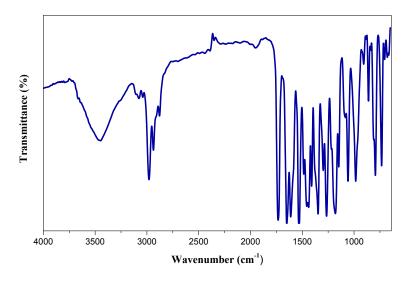
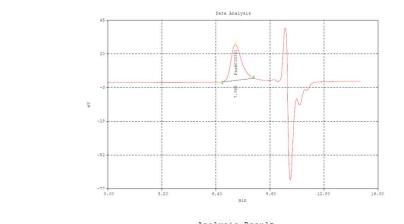


Figure S2. IR spectrum of PDEAAm-b-PNBA.



Analysis Result									
#	Peak	Mn	Mp	Mw	Mz	Mz+1	Mv	PD	IV
1	Peak010301	10959	14656	14035	17312	20760	N/A	1.28062	N/A

Figure S3. GPC curve and data of PDEAAm-b-PNBA.

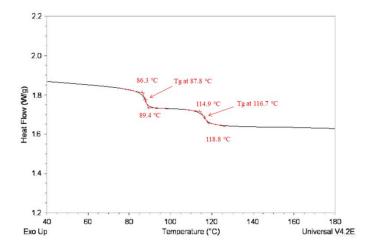


Figure S4. DSC thermogram of the block copolymer PDEAAm-*b*-PNBA.

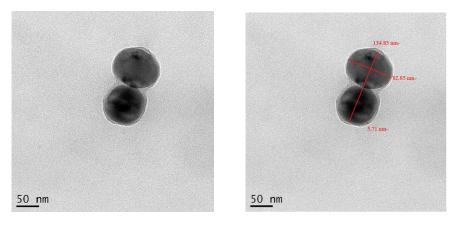


Figure S5. High-resolution TEM images of the UCNP-loaded BCP micelles.

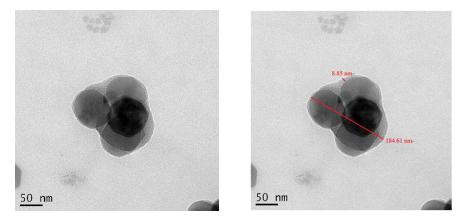


Figure S6. High-resolution TEM images of the UCNP and NR co-loaded BCP micelles.