

# Supplementary Materials: Light and Temperature as Dual Stimuli Lead to Self-Assembly of Hyperbranched Azobenzene-Terminated Poly(N-isopropylacrylamide)

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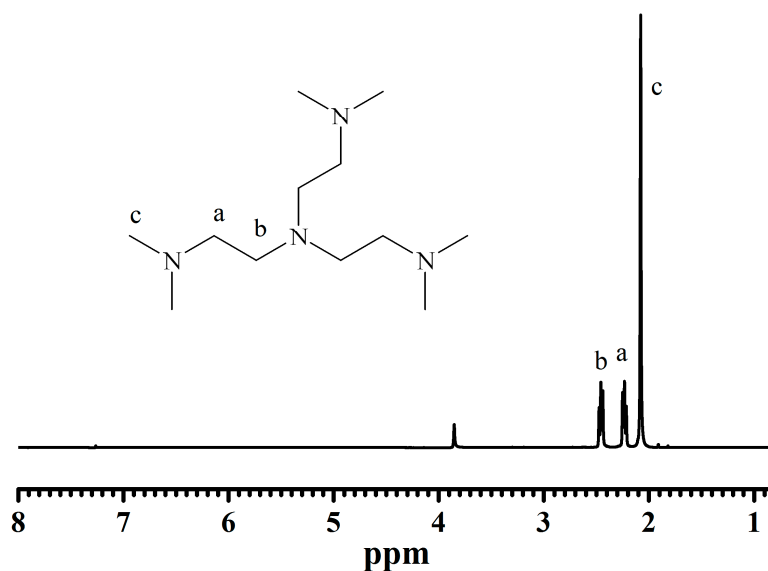


Figure S1.  $^1\text{H}$ -NMR spectrum of Tris[2-(dimethylamino)ethyl]amine ( $\text{Me}_6\text{TREN}$ ) in  $\text{CDCl}_3$ .

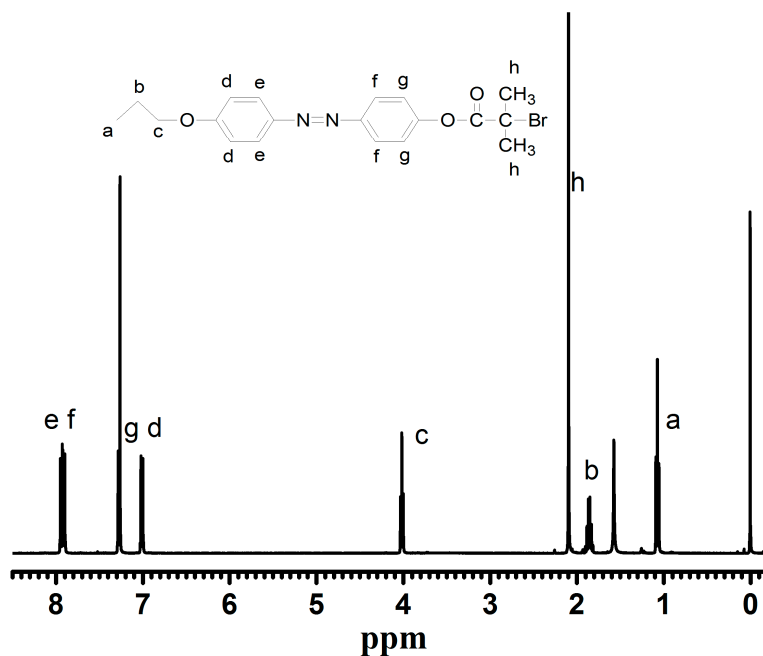


Figure S2.  $^1\text{H}$ -NMR spectrum of  $\text{C}_3\text{H}_7\text{OC-Azo-Br}$  in  $\text{CDCl}_3$ .

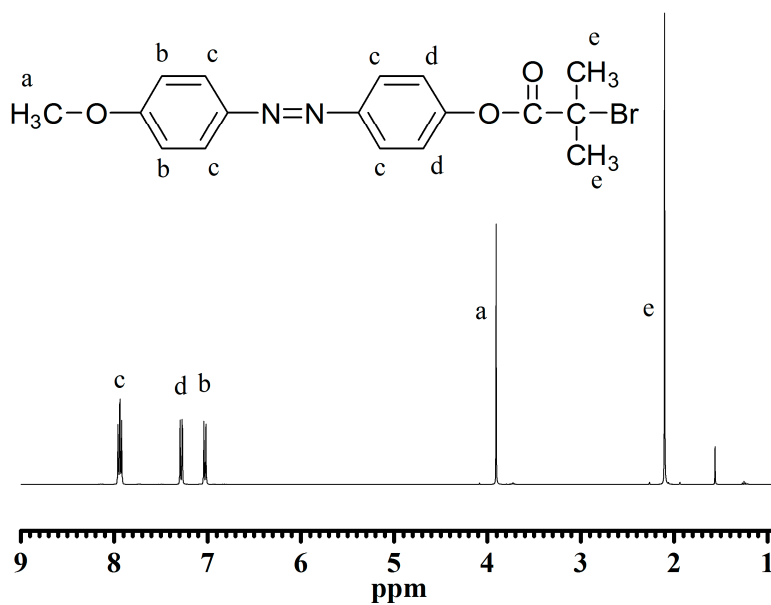


Figure S3.  $^1\text{H-NMR}$  spectrum of  $\text{CH}_3\text{O-Azo-Br}$  in  $\text{CDCl}_3$ .

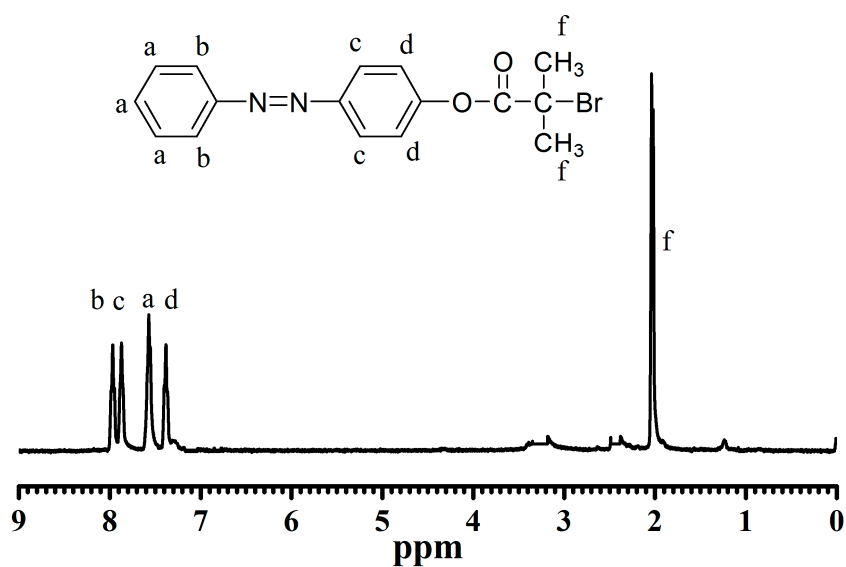
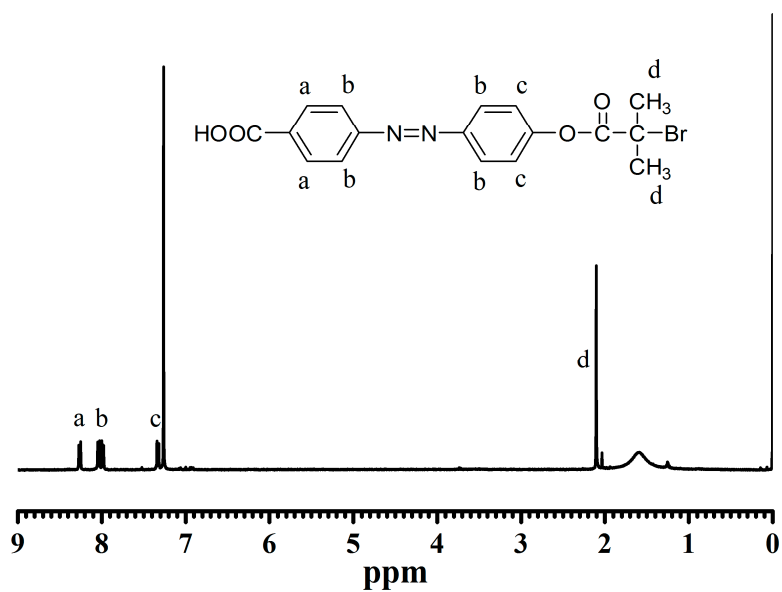


Figure S4.  $^1\text{H-NMR}$  spectrum of  $\text{Azo-Br}$  in  $\text{CDCl}_3$ .



**Figure S5.**  $^1\text{H}$ -NMR spectrum of HOOC-Azo-Br in  $\text{CDCl}_3$ .



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