

Supporting Information

Photoresponsive structure transformation and emission enhancement based on a tapered azobenzene gelator

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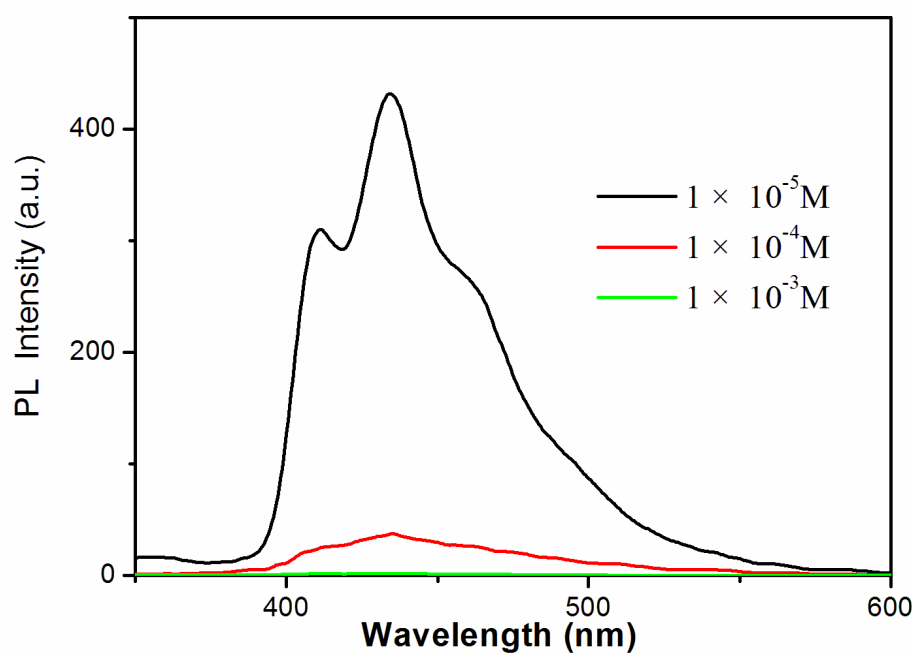


Figure S1 Fluorescence spectra of AOB-t4 in ethanol at different concentrations.

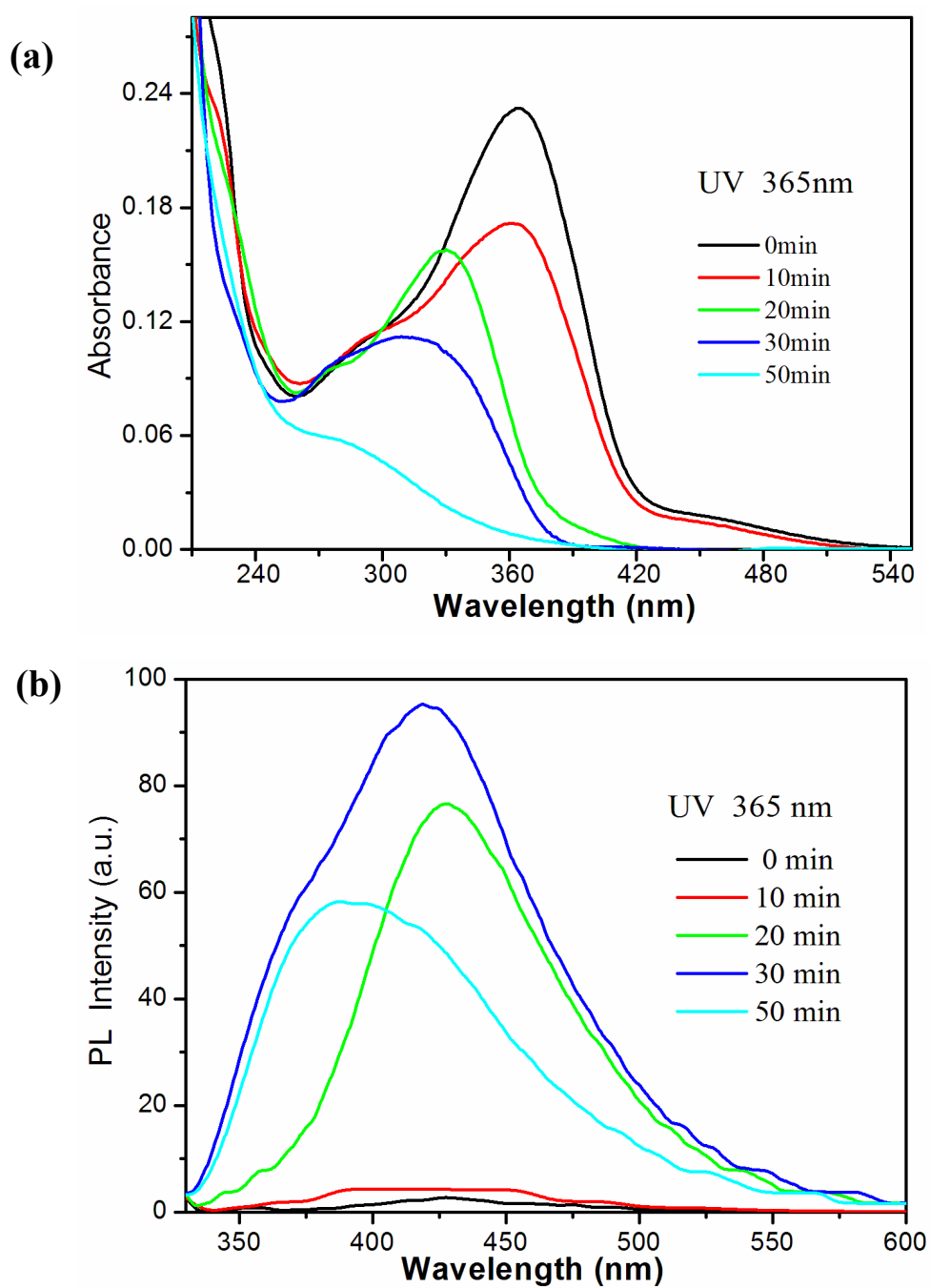


Figure S2 (a) UV-vis spectra and (b) fluorescence spectra of AOB-t4 in ethanol (1×10^{-5}) under irradiation at 365 nm for different time period at room temperature.

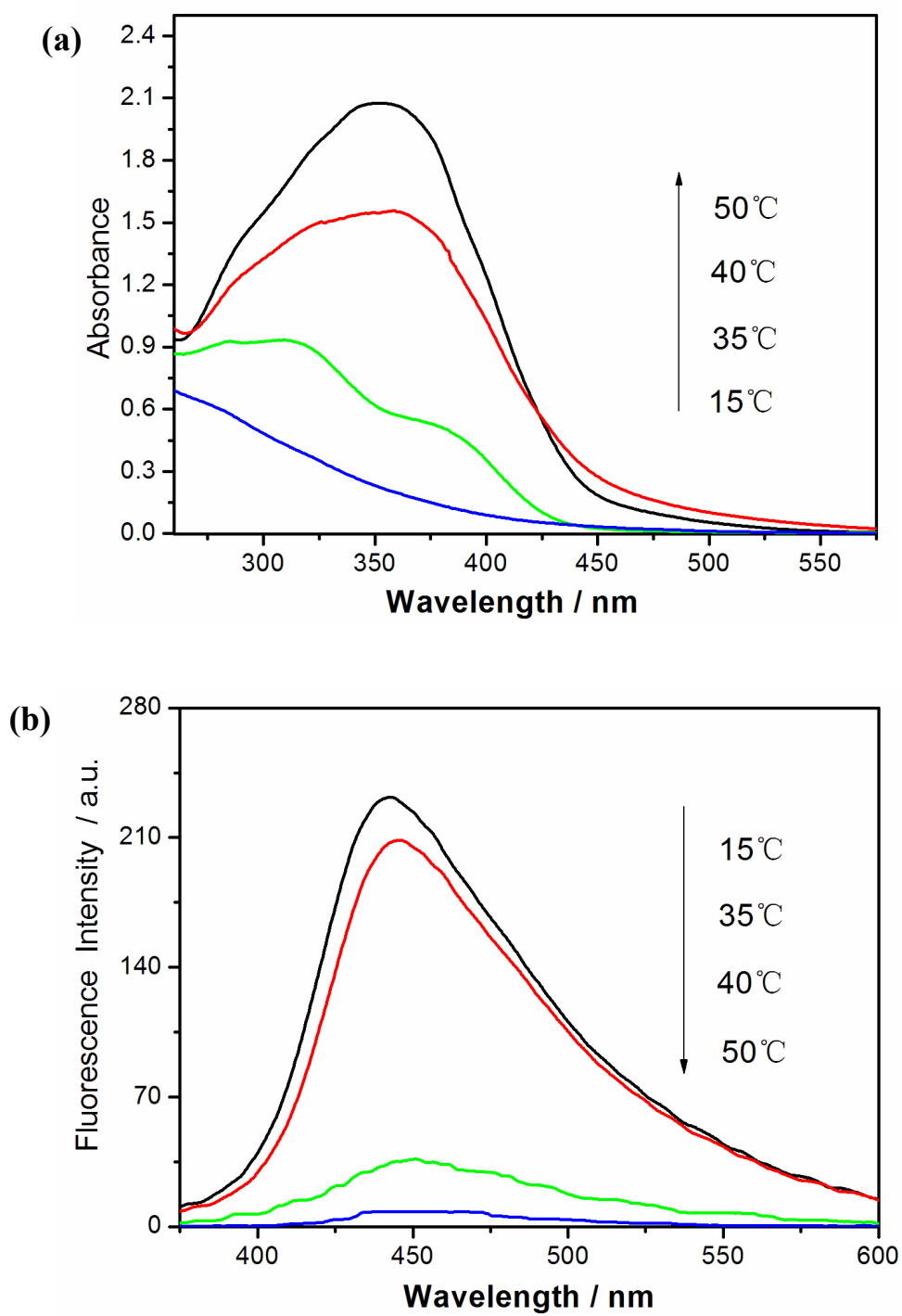


Figure S3 (a) UV-vis spectra and (b) fluorescence spectra of cis-AOB-t4 sol in dichloromethane (2 mg/mL) at different temperature.

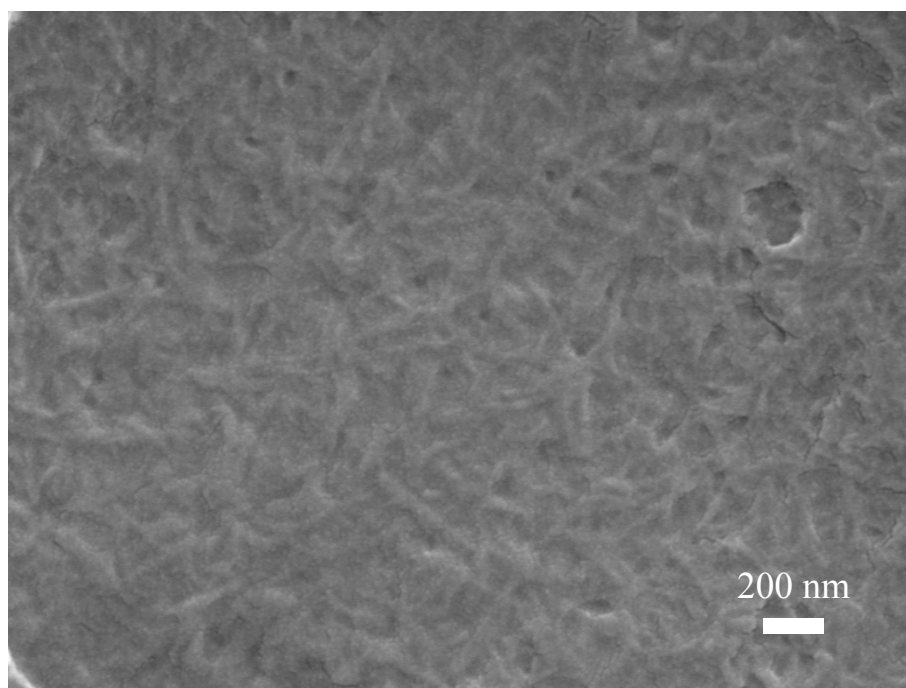


Figure S4 SEM image of the recovered gel of *trans*-AOB-t4 from dichloromethane.