

ELECTRONIC SUPPLEMENTARY INFORMATION (ESI)

Controlling excited-state prototropism via acidity of ionic liquid

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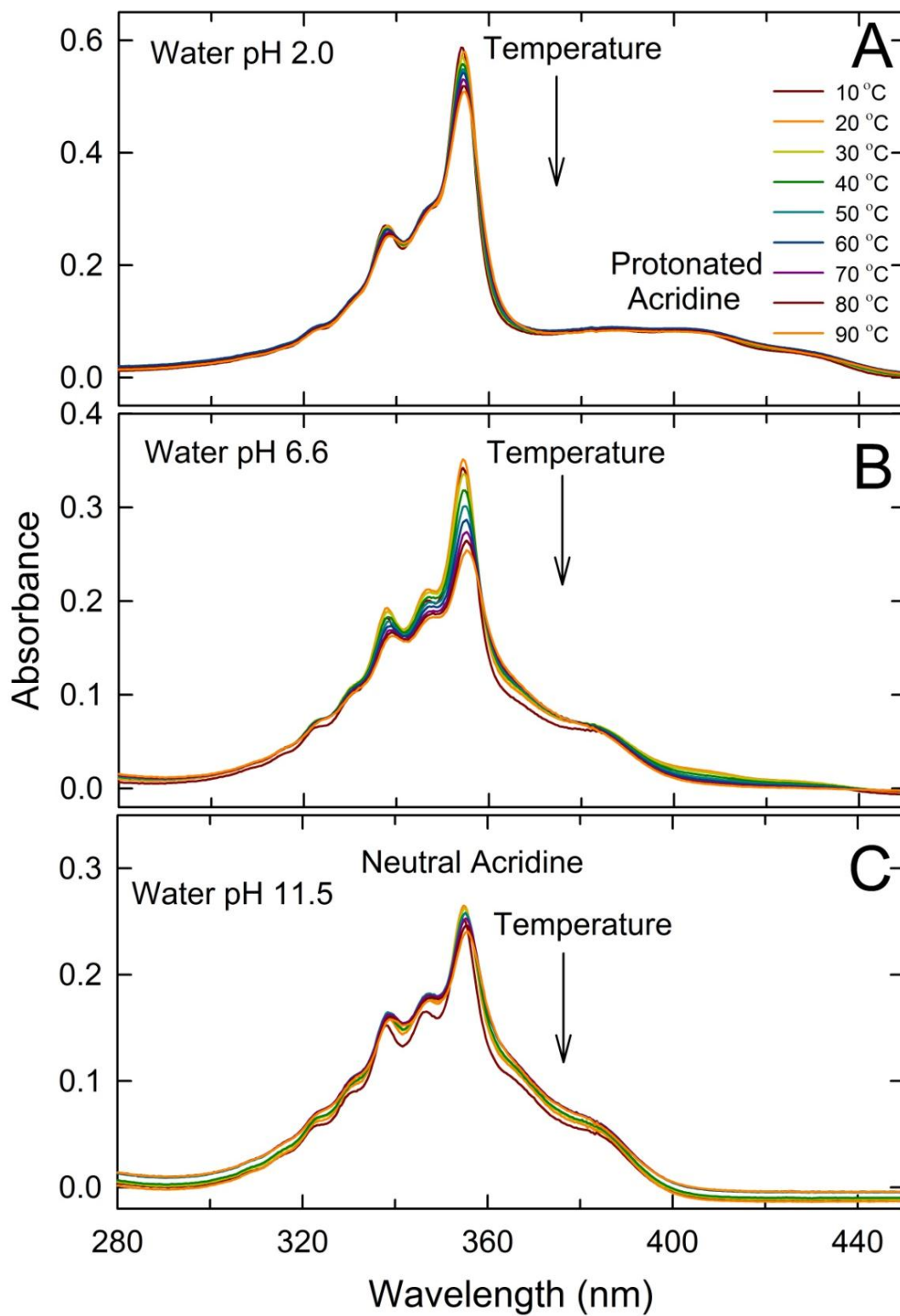


Figure S1. Effect of temperature on electronic absorbance spectra of acridine (25 μM) dissolved in different pH water.

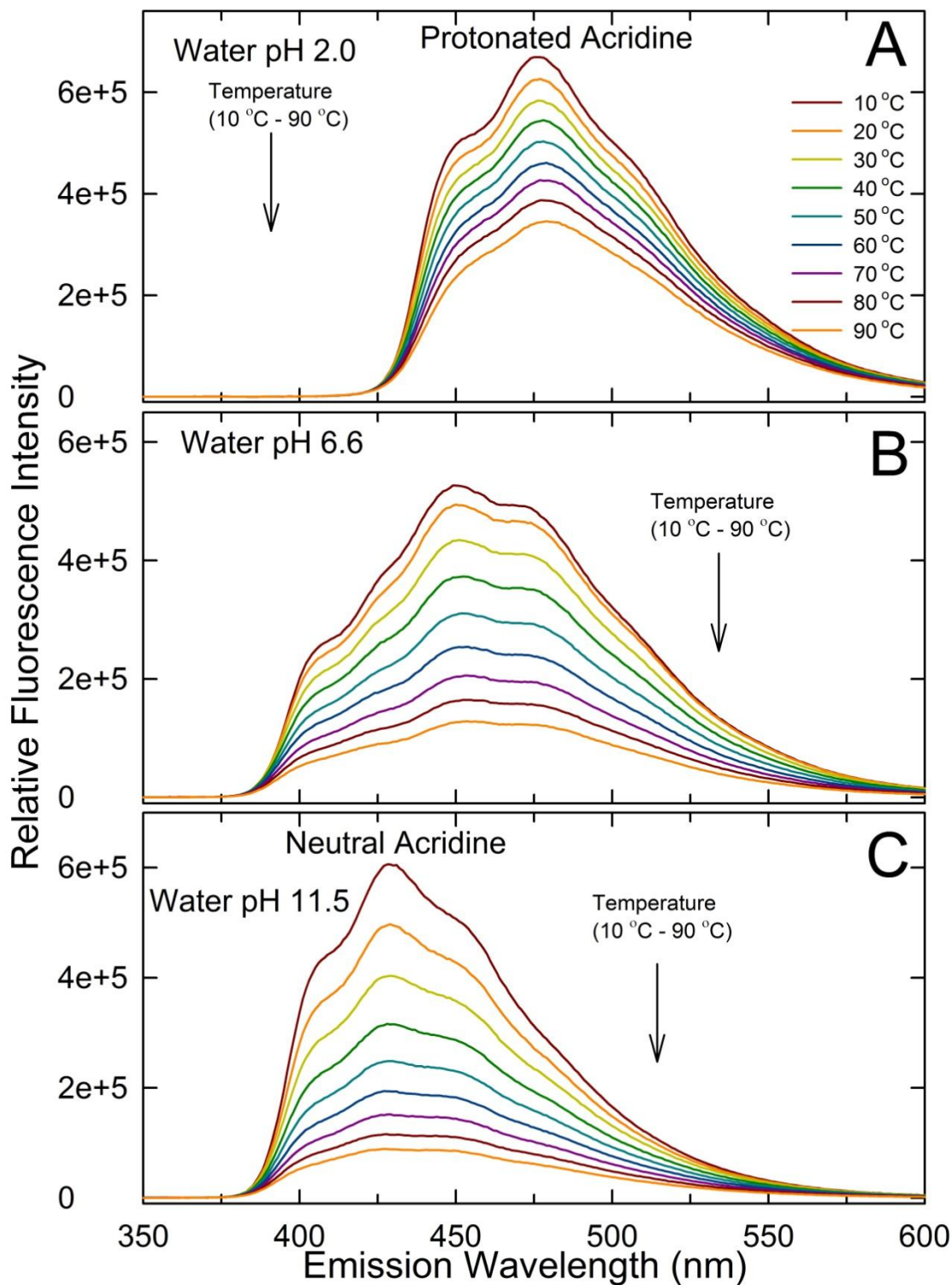


Figure S2. Effect of temperature on the fluorescence emission spectra of acridine (25 μM) dissolved in different pH water.

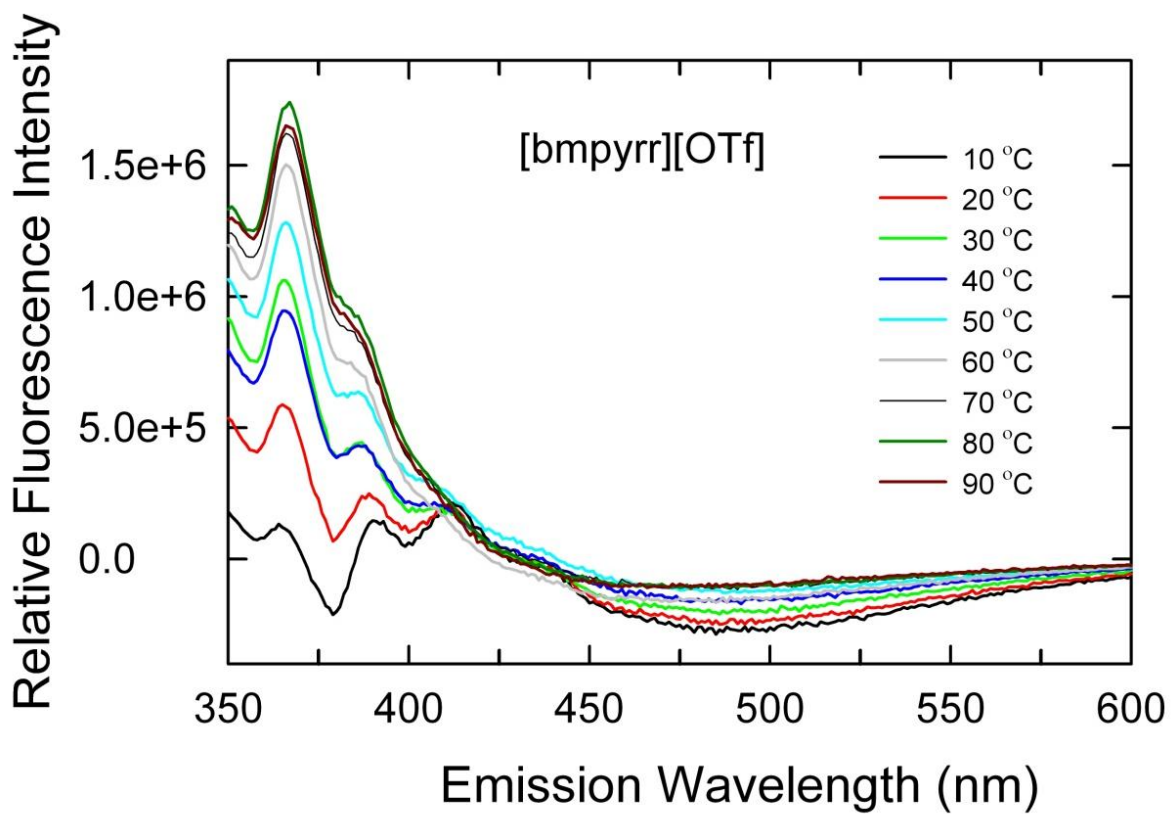


Figure S3. Effect of temperature on fluorescence emission spectra of acridine (25 μM, $\lambda_{\text{ex}} = 340$ nm) dissolved in [bmpyrr][OTf].

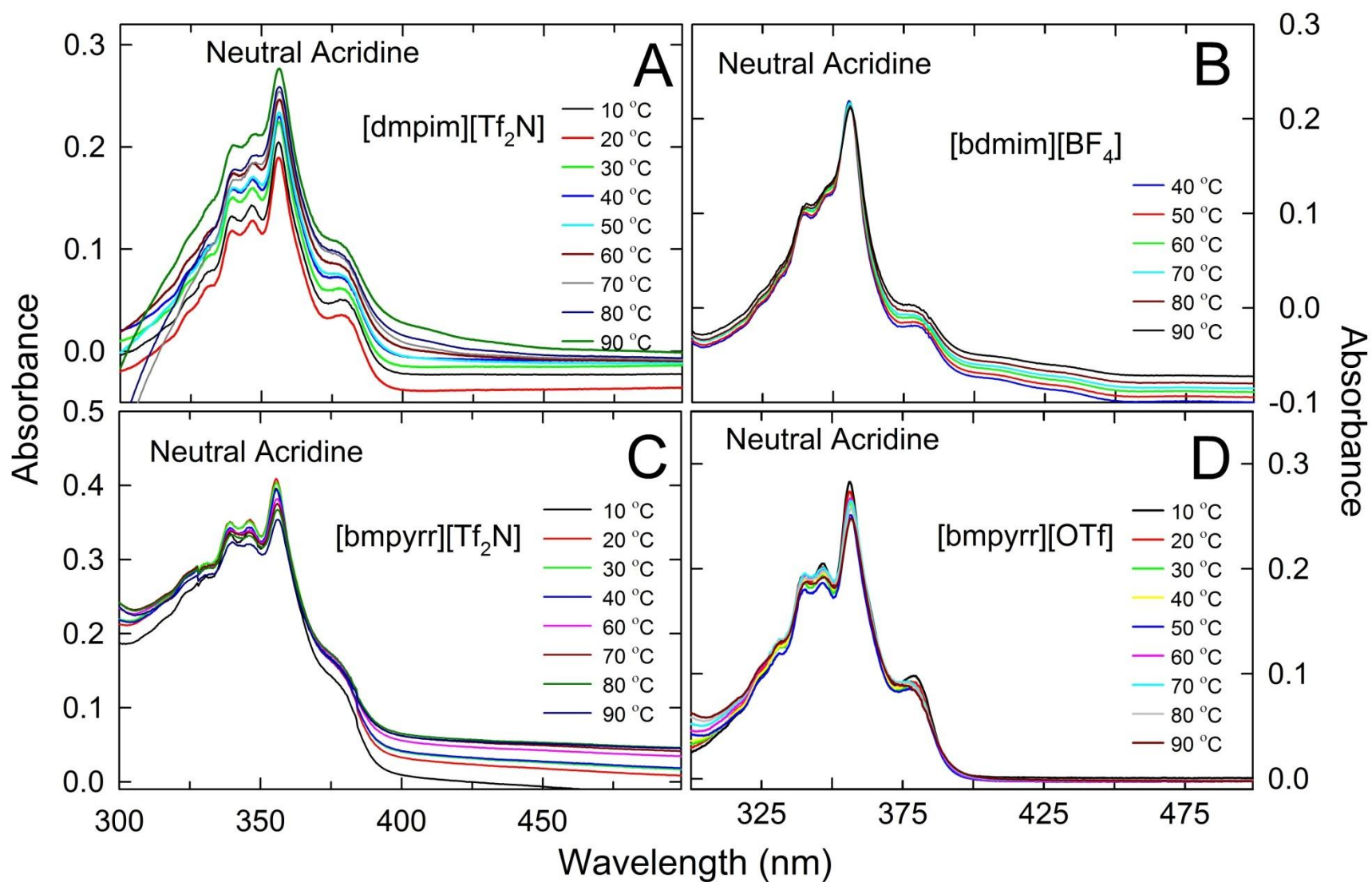


Figure S4. Effect of temperature on absorbance spectra of acridine (25 μM) dissolved in different ILs.

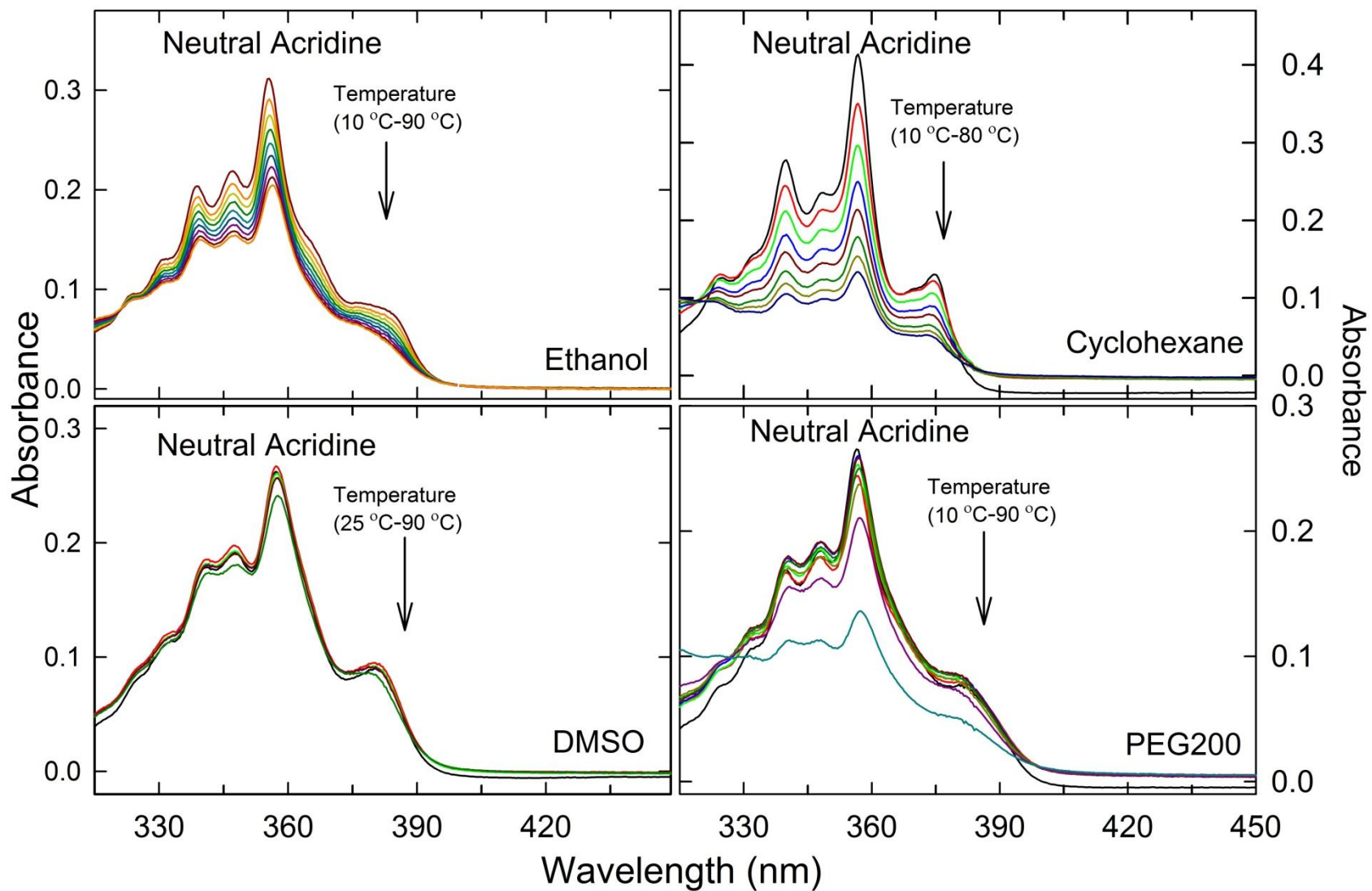


Figure S5. Effect of temperature on absorbance spectra of acridine (25 μM) dissolved in different solvents.

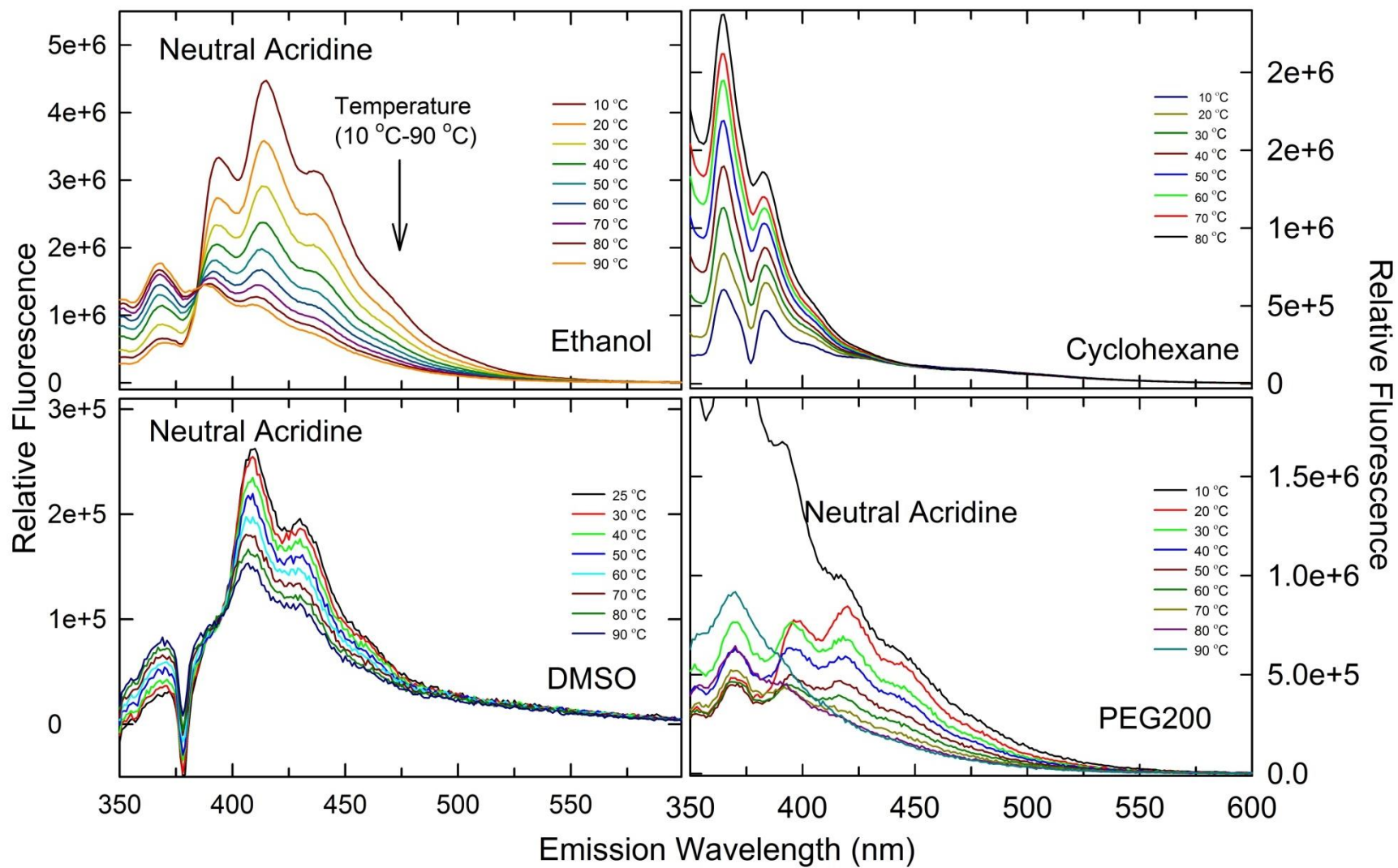


Figure S6. Effect of temperature on fluorescence emission spectra of acridine (25 μM) dissolved in different solvents.