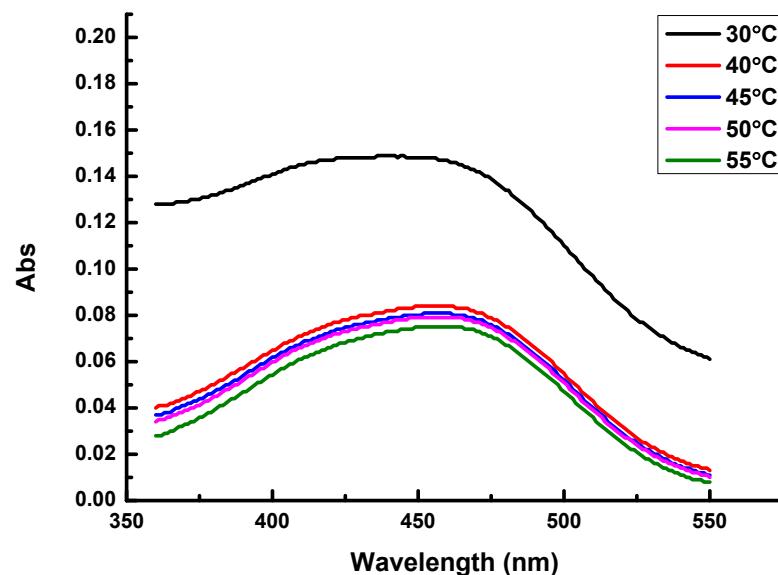
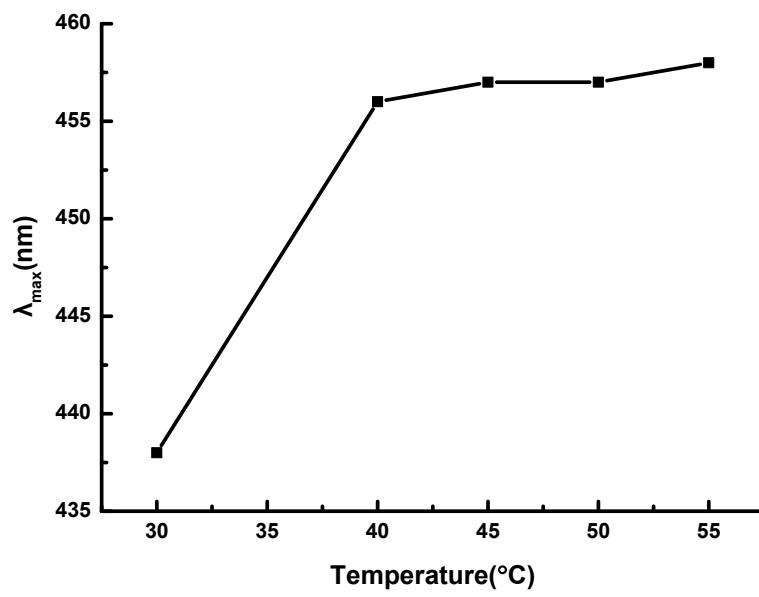


## Supporting Information

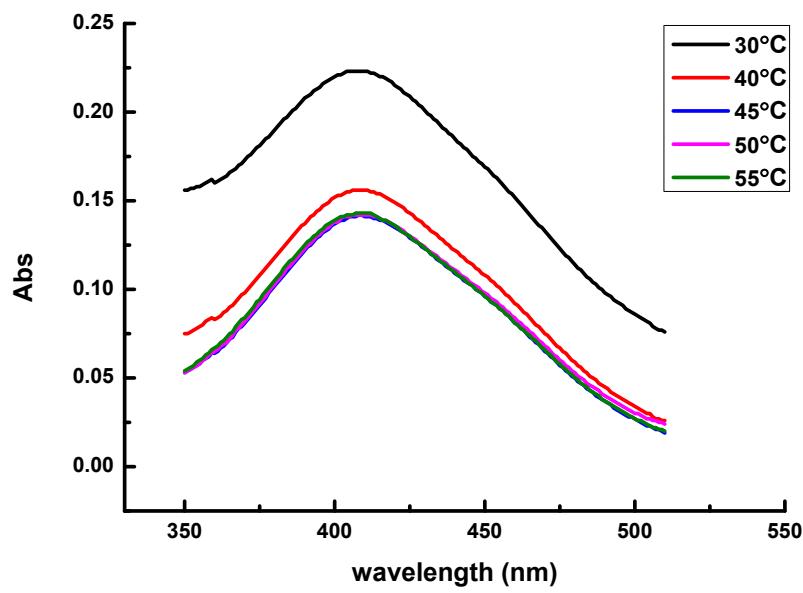


(A)

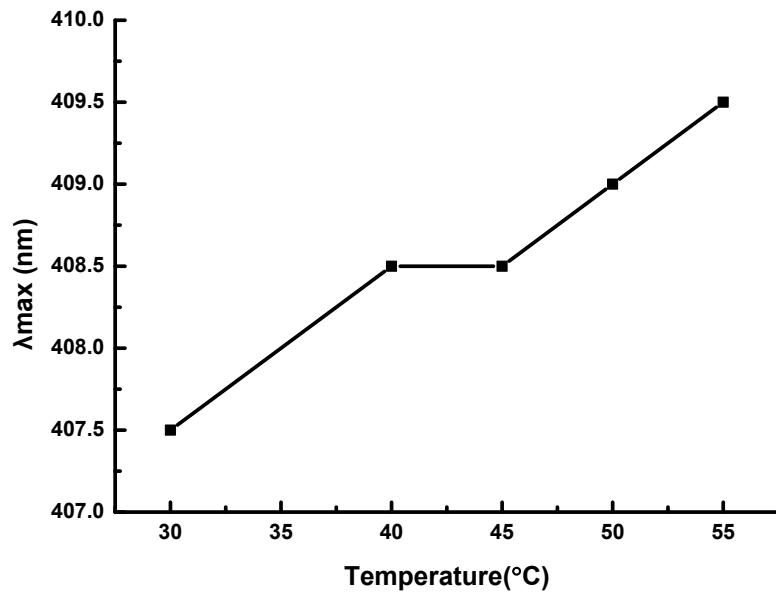


(B)

Figure S1. (A) Dependence of UV-vis spectra of MO on temperature in DSB/AOT (4:6,  $c_{\text{total}}=0.020\text{M}$ ) aqueous solution. (B) Dependence of maximum emission wavelength on temperature.

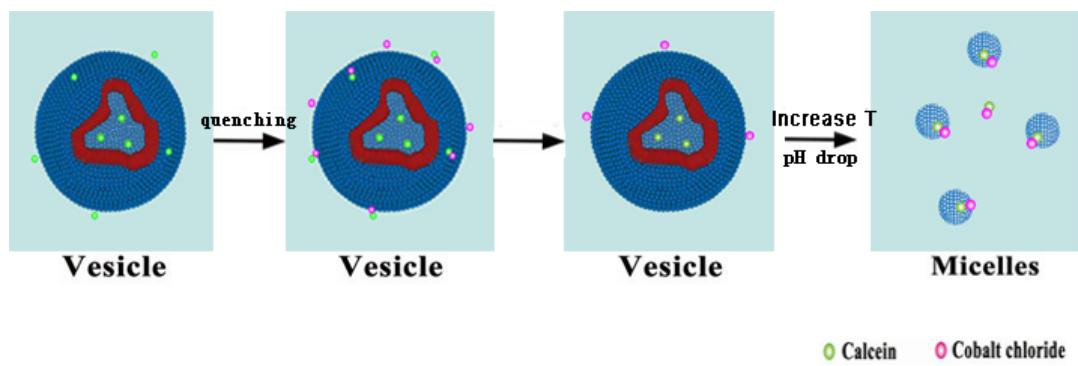


(A)



(B)

Figure S2. (A) Dependence of UV-vis spectra of dimethyl yellow on temperature in DSB/AOT (4:6,  $c_{\text{total}}=0.020\text{M}$ ) aqueous solution. (B) Dependence of maximum emission wavelength on temperature.



Scheme S1. Illustration of the encapsulation of calcein by using cobalt chloride as the quenching agent in DSB/AOT aqueous solution.

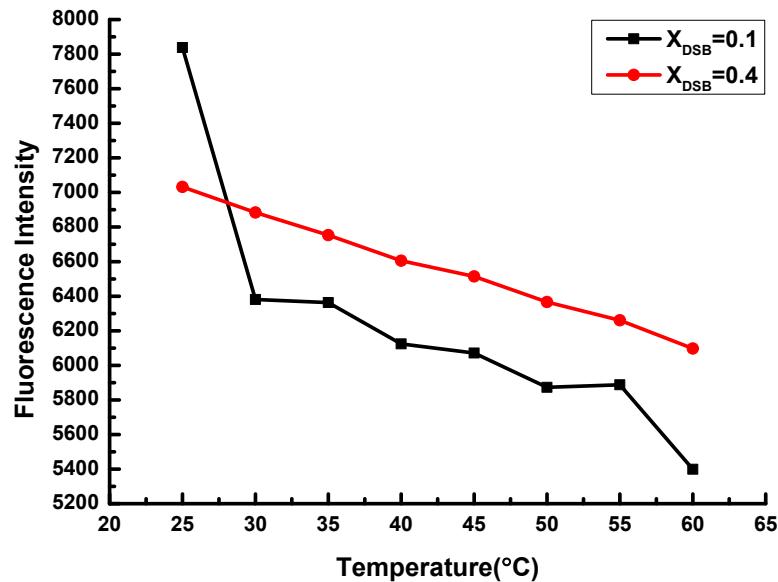


Figure S3. Dependence of fluorescence intensity on temperature and ratio in DSB/AOT aqueous solution.

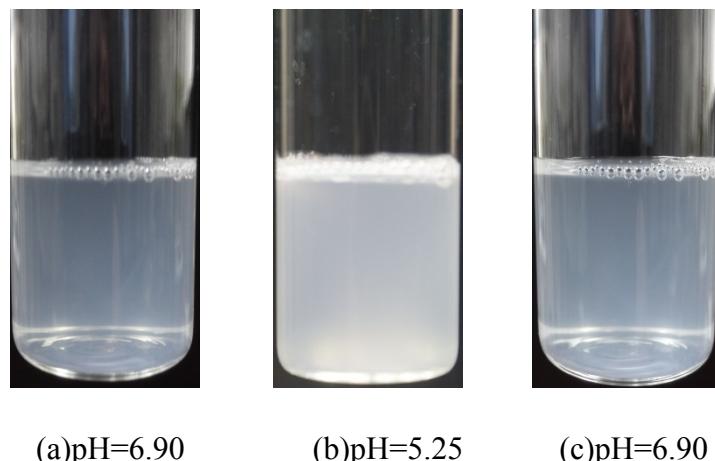


Figure S4. Photographs of DSB/AOT (4:6,  $c_{\text{total}}=0.020\text{M}$ ) aqueous solution with different pH value.

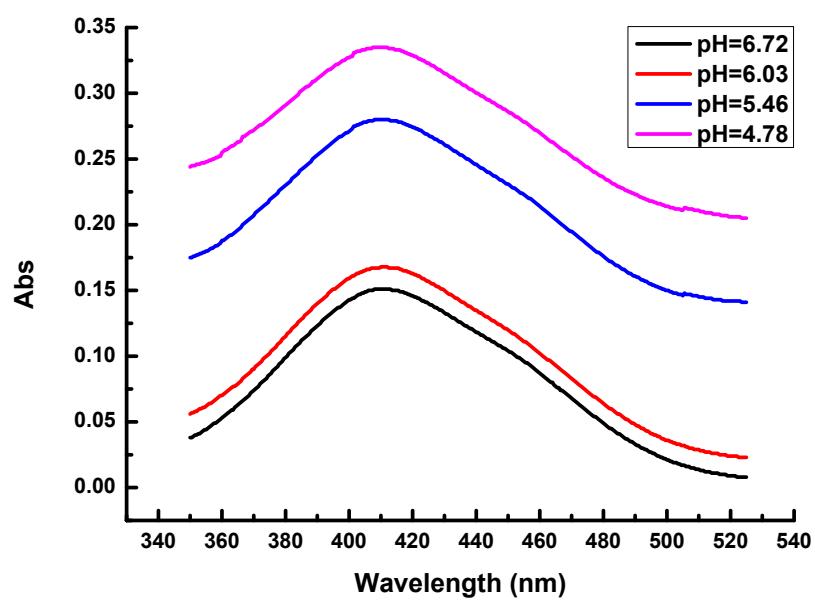


Figure S5. Dependence of UV-vis spectra of dimethyl yellow on pH value in DSB/AOT (4:6,  $c_{\text{total}}=0.020\text{M}$ ) aqueous solution.