

Electronic Supplementary Information

Intriguingly Tuning fluorescence of AIEgen Using Responsive Polyelectrolyte Microspheres

Xiaolin Guan,^a Donghai Zhang^a, Tianming Jia,^a Yang Zhang,^a Li Meng,^a Qijun Jin,^a

Hengchang Ma,^a Dedai Lu,^a Shoujun Lai^b and Ziqiang Lei^{a*}

^a Key Laboratory of Eco-Environment-Related Polymer Materials Ministry of Education, Key Laboratory of Polymer Materials Ministry of Gansu Province, College of Chemistry and Chemical Engineering, Northwest Normal University, Lanzhou, Gansu 730070, P.R. China.

^b School of Chemical Engineering, Lanzhou University of Arts and Science, Lanzhou, Gansu 730070, P.R. China.

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Fig. S10 Particle sizes of 1mg/mL TPE-PMETAC with different volume fraction of

THF.

Fig. S11 Particle sizes of 1mg/mL TPE-PMETAC with addition of different counterions.

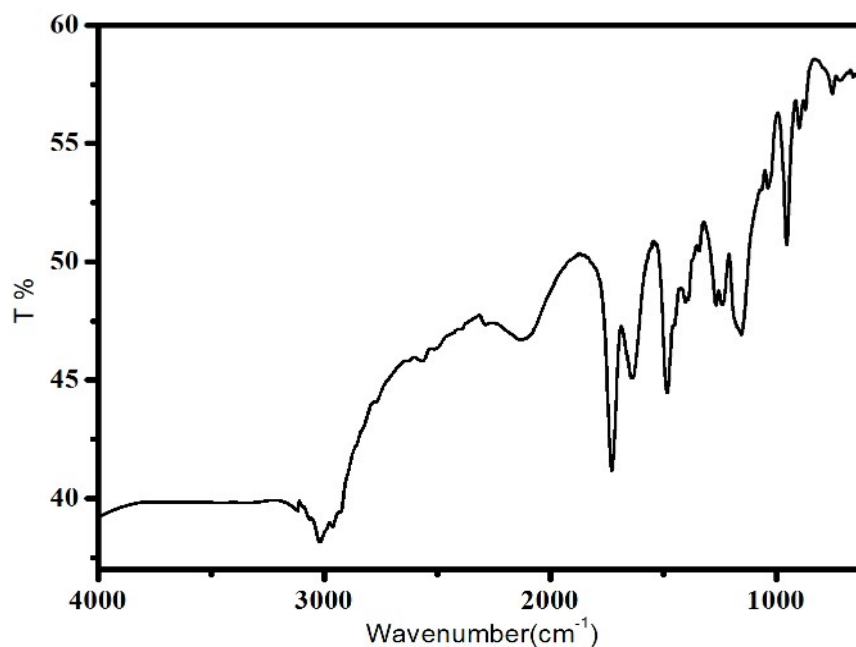


Fig.S1 FTIR spectrum of TPE- PMETAC.

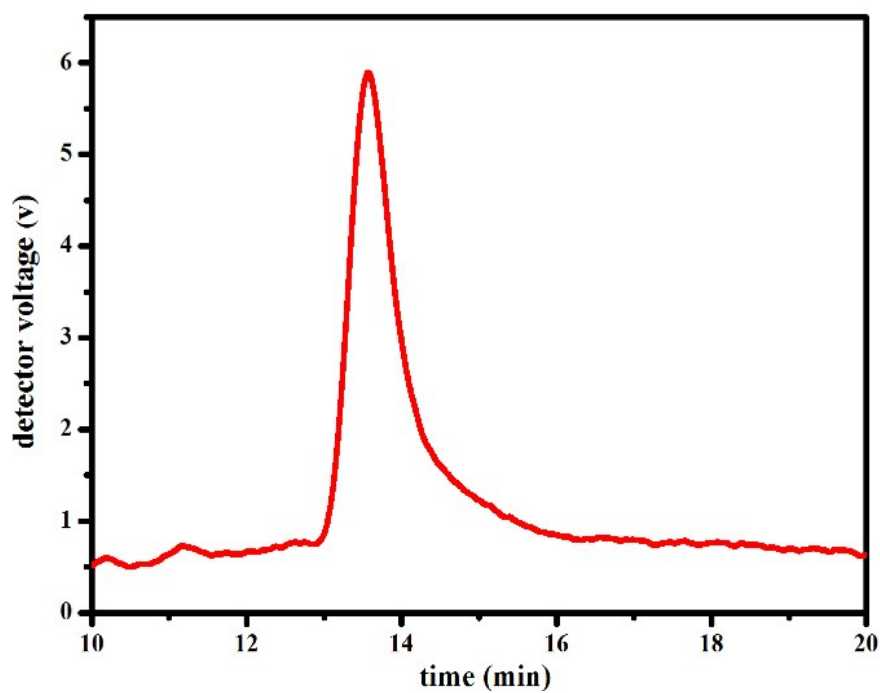


Fig. S2 GPC spectrum of TPE-PMETAC.

Table S1 GPC data of TPE-PMETAC.

Mn	Mp	Mw	Mz	Polydispersity
2.7×10^4	2.1×10^4	3.3×10^4	4.7×10^4	1.224

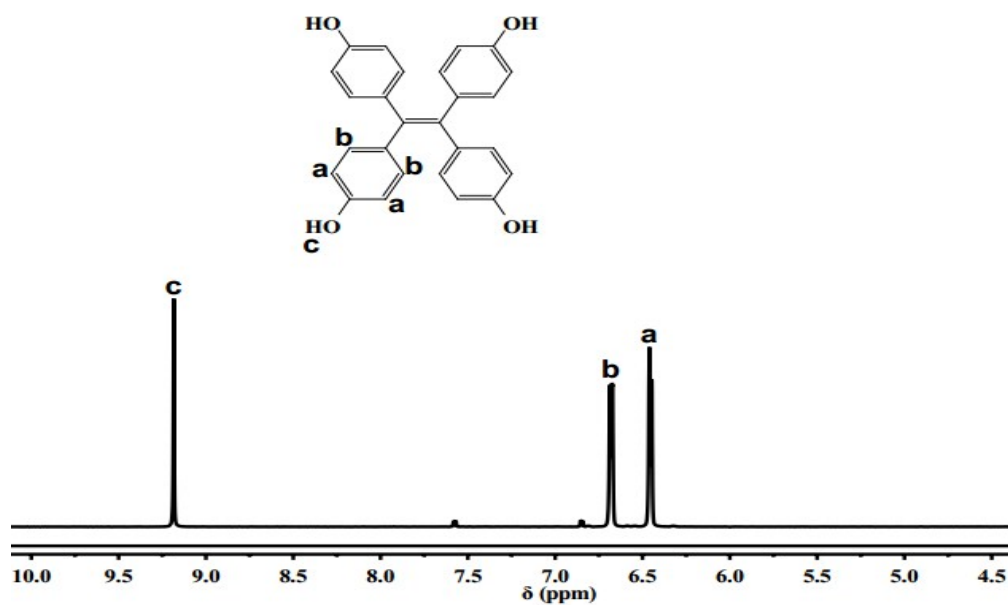


Fig. S3 ¹H NMR spectra of TPE-OH in *d*-DMSO at room temperature.

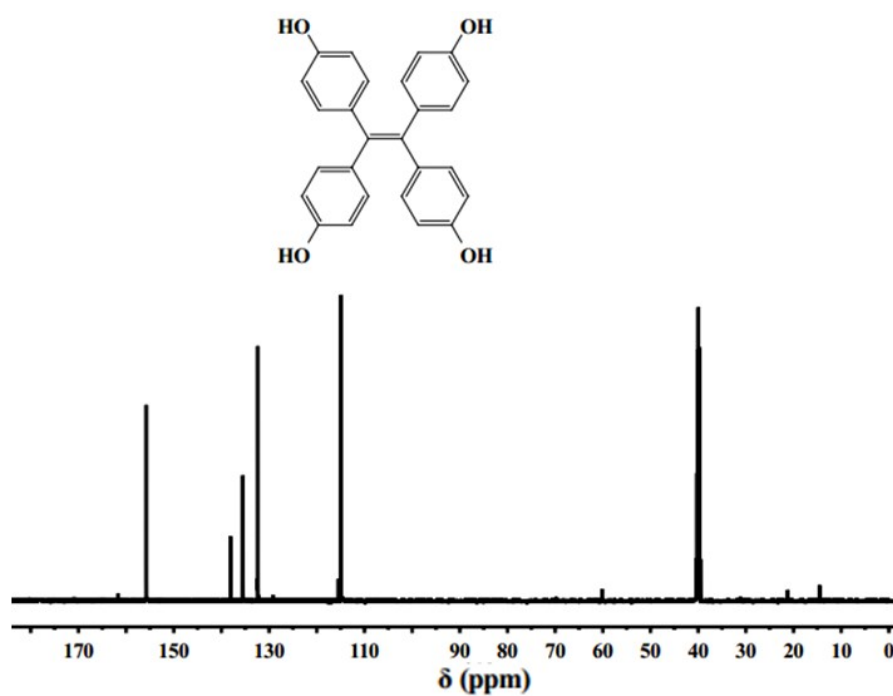


Fig. S4. ¹³C NMR spectra of TPE-OH in *d*-DMSO at room temperature.

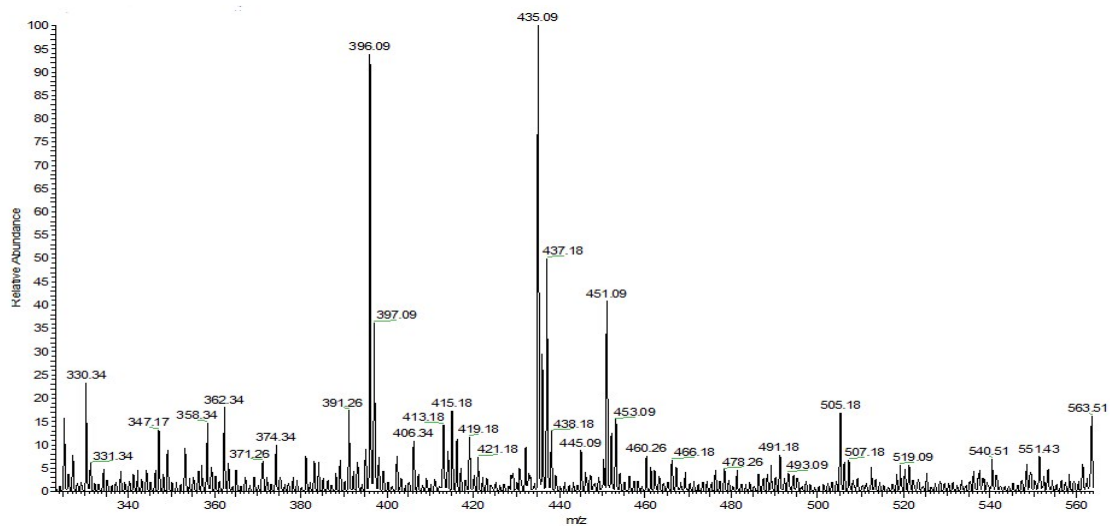


Fig. S5 MS spectra of TPE-OH.

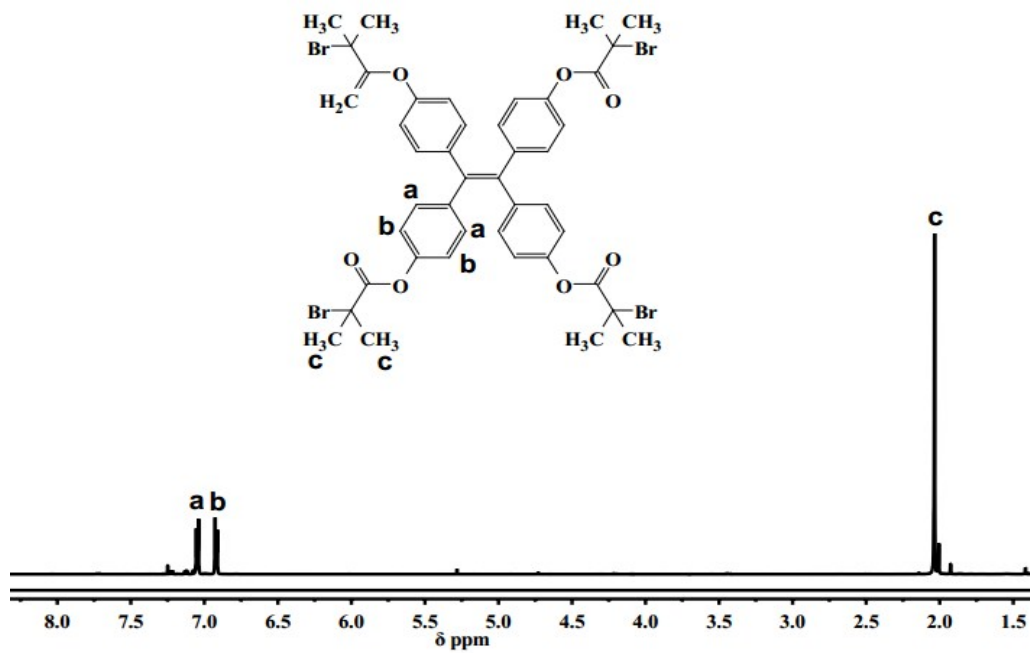


Fig. S6 ^1H NMR spectra of TPE-BMP in CDCl_3 at room temperature.

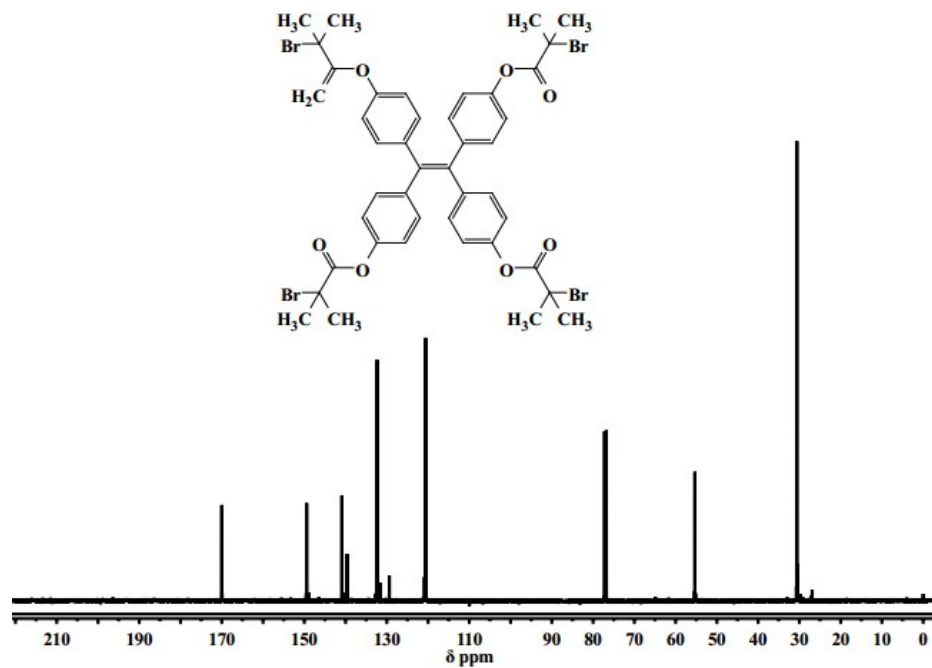


Fig. S7 ^{13}C NMR spectra of TPE-BMP in CDCl_3 at room temperature.

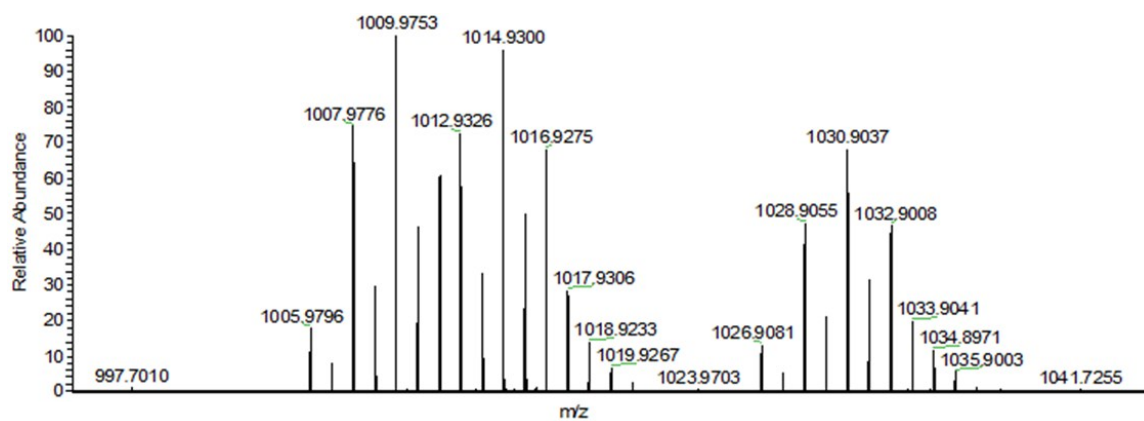


Fig. S8 MS spectra of TPE-BMP.

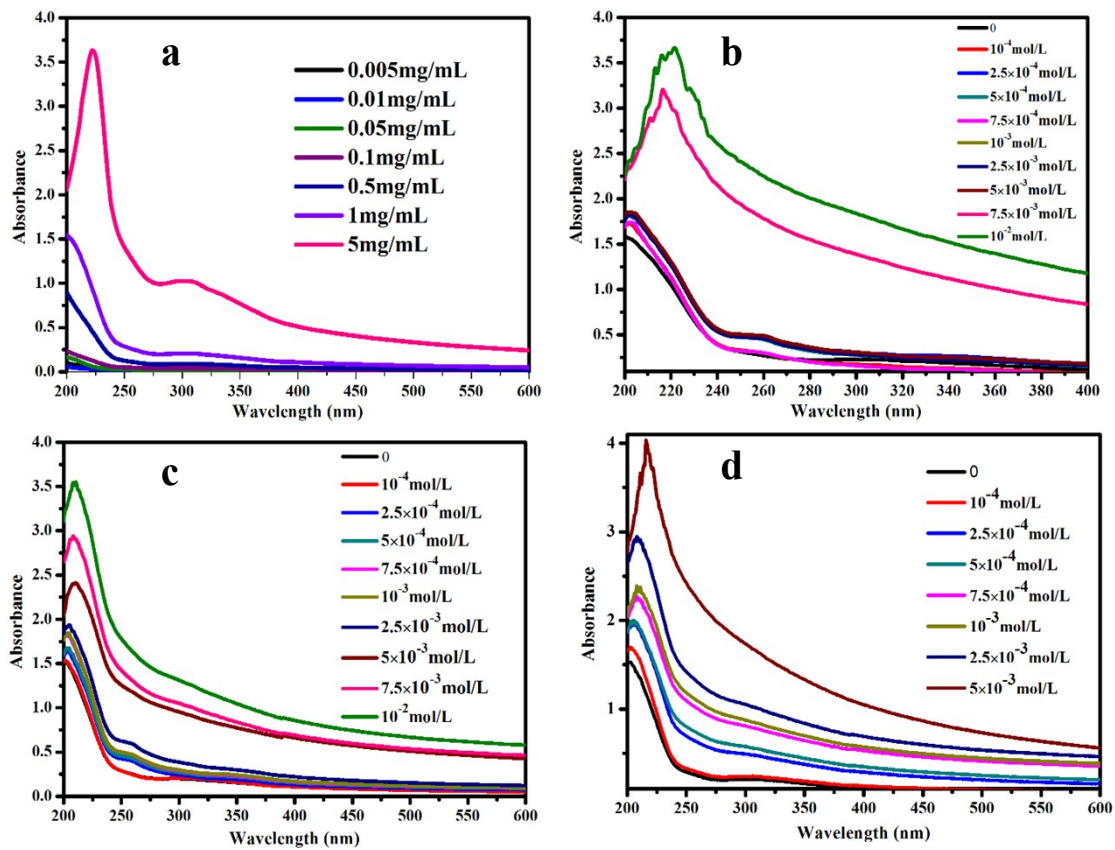


Fig. S9 Concentration-dependent UV-vis spectra of (a) TPE-PMETAC aqueous, and mixture solution of 1 mg/mL TPE-PMETAC with (b) ClO_4^- ; (c) PF_6^- and (d) TFSI⁻.

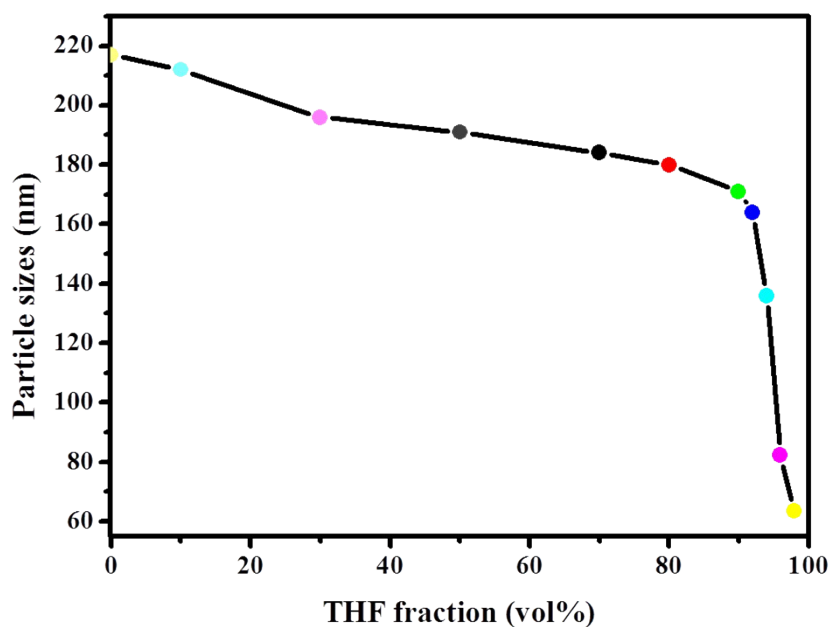


Fig. S10 Particle sizes of 1mg/mL TPE-PMETAC with different volume fraction of THF.

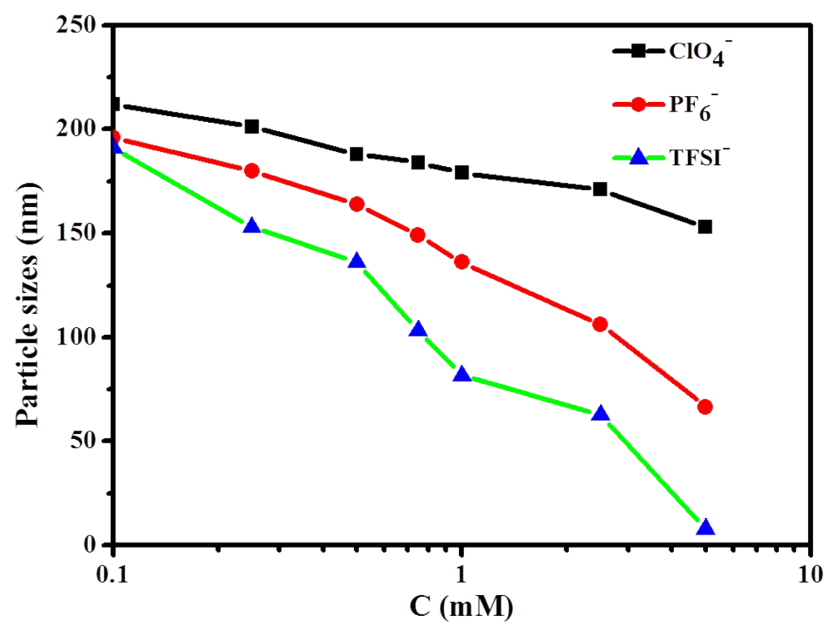


Fig. S11 Particle sizes of 1mg/mL TPE-PMETAC with addition of different counterions.