Supporting Information for

Photoirradiation generated radicals in two-component supramolecular gel for polymerization

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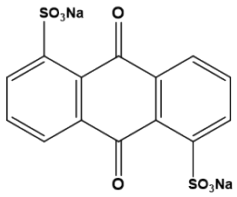
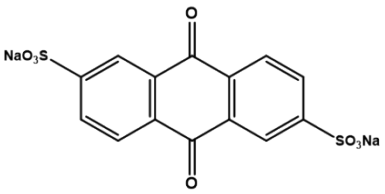
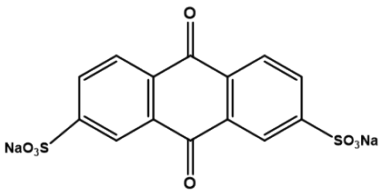


AQ15



AQ26



AQ27

PUDG:AQ= 2：1 / H_2O：EtOH (1ML)	AQ15	AQ26	AQ27
5:5	white suspension	gel 	gel 
6:4	white suspension	gel 	gel 

Fig. S1 Chemical structures of AQ15, AQ26, AQ27 and the gelation situation of PUDG with AQ15, AQ26, AQ27 (molar ratio 2:1) at different ethanol/H_2O mixing solvents (5:5, 4:6).

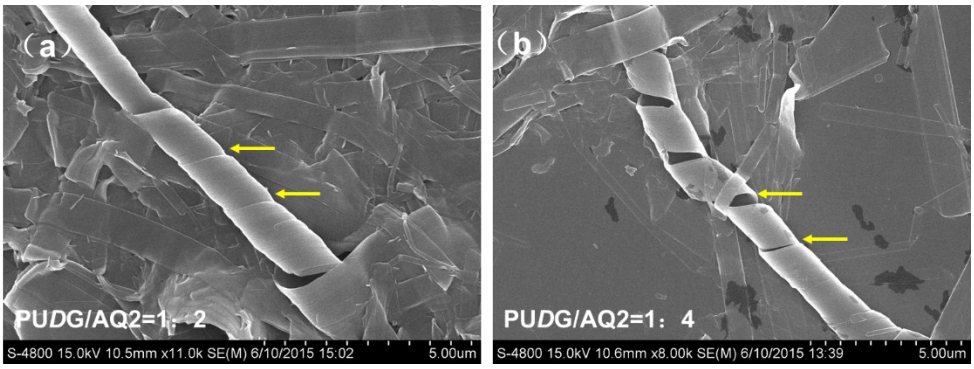


Fig. S2 (a) SEM image of PUDG/AQ2=1:2 and PUDG/AQ2=1:4 in EtOH/H2O (5:5) mixed solution.

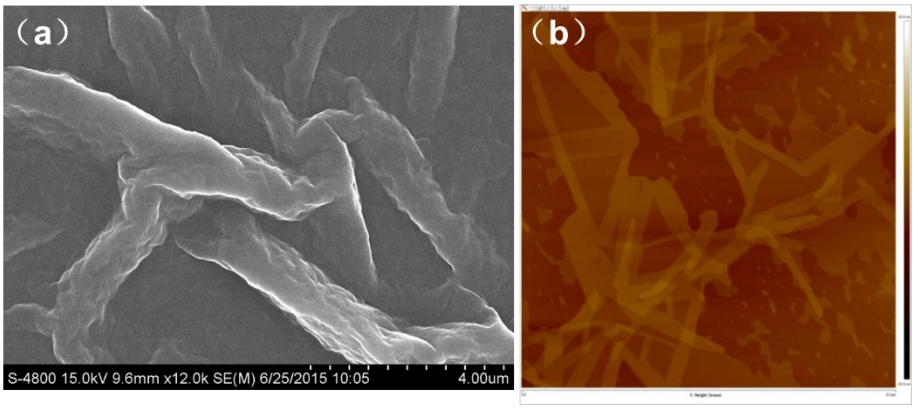


Fig. S3 (a) SEM image of PU*D*G/AQ1; (b) AFM image of PU*D*G/AQ1 in EtOH/H2O (5:5) mixed solution.

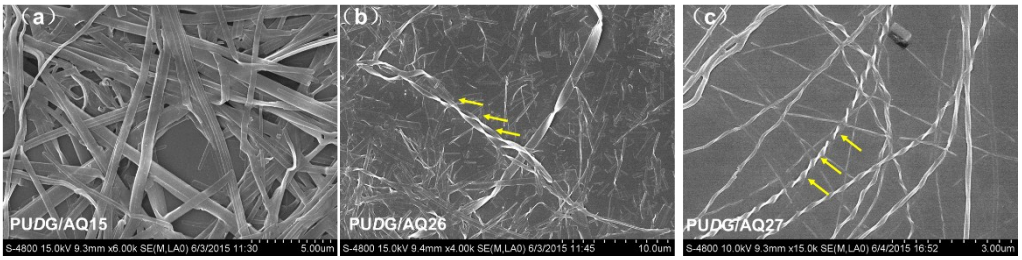
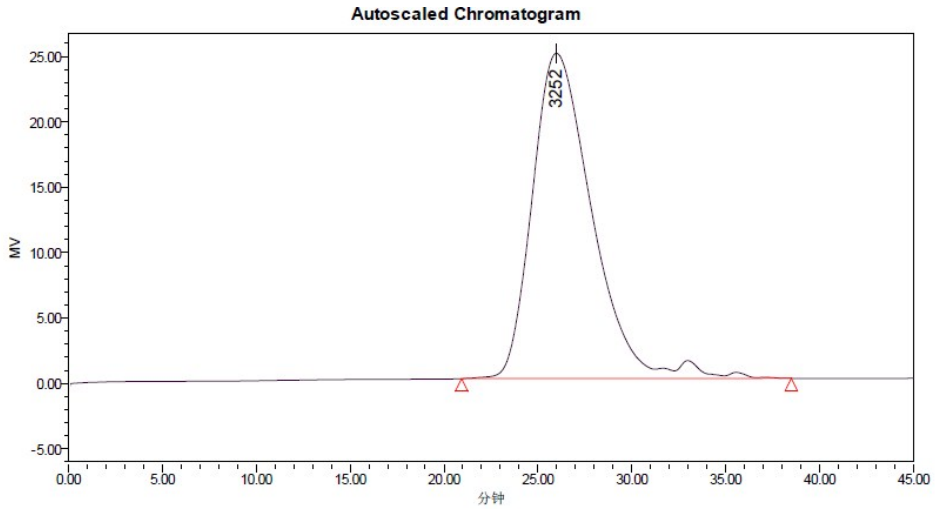


Fig. S4 (a) SEM image of PU*D*G/AQ15; (b) PU*D*G/AQ26 and (c) PU*D*G/AQ27 in EtOH/H2O (5:5) mixed solution.



GPC Results

	Dist Name	Elution Volume (ml)	Retention Time (min)	Adjusted RT (min)	Mn	Mw	MP	Mz	Mz+1	Mz/Mw	Mz+1/Mw
1		25.990	25.990	25.990	1977	3534	3252	5893	9790	1.667198	2.769912
2			31.381								
3			32.900								

Fig. S5 GPC (Gel Permeation Chromatography) result of as-prepared PAA.