

SUPPLEMENTARY MATERIAL TO  
**Copolymers based on *N*-acryloyl-L-leucine and urea  
methacrylate with pyridine moieties**

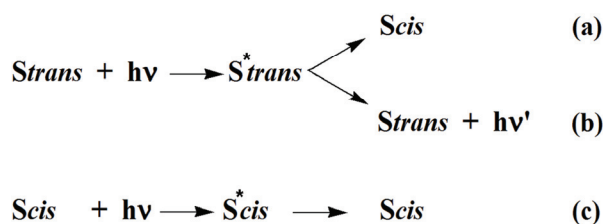
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TABLE S-I. Thermal characteristics of the synthesized optically active copolymers

Sample	Stage	$T_{\text{onset}}$ °C	$T_{\text{peak}}$ °C	$T_{\text{endset}}$ °C	$W$ %	$T_{10\%}$ °C	Residue %	$T_g$ °C
MAcPU- <i>co</i> -AcLeu	I	172	189.89	205	9.94	190	12.65	58.09
	II	231	257.77	284	22.16			
	III	317	390.10	500	49.92			
(MAcPU- <i>co</i> -AcLeu)- <i>R/S</i> -CSA	I	172	192.07	211	10.20	190	16.68	26.08
	II	232	244.02	267	14.03			
	III	312	322	451	52.76			
(MAcPU- <i>co</i> -AcLeu)- <i>R</i> -EBA	I	195	205.02	238	9.67	192	9.64	29.83
	II	238	267.48	296	28.36			
	III	330	369.22	485	42.75			
(MAcPU- <i>co</i> -AcLeu)-St	I	161	168.20	202	12.87	197	11.44	50.46
	II	233	259.26	286	28.31			
	III	340	391.80	498	46.72			



Scheme S-1. Photobehavior of stilbene molecule from (MAcPU-*co*-AcLeu)-St copolymer upon UV irradiation.

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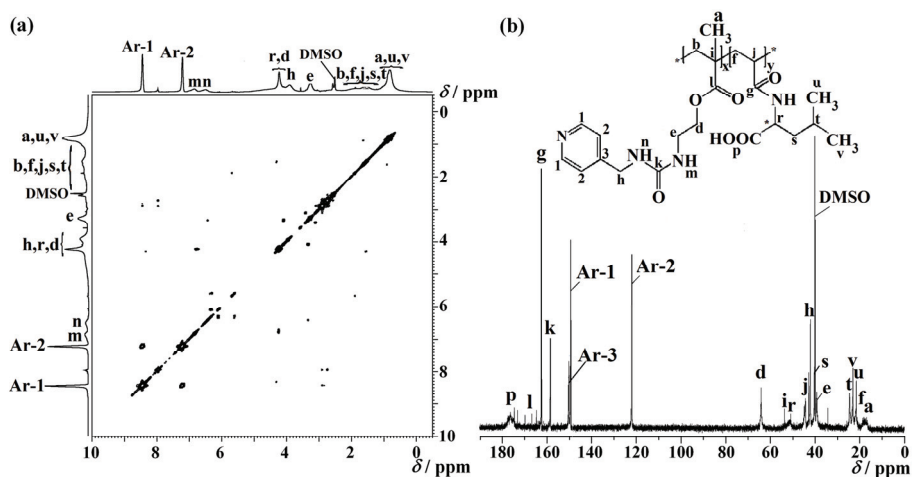


Fig. S-1.  $^1\text{H}$ ,  $^1\text{H}$ -COSY (a) and  $^{13}\text{C}$ -NMR (b) spectra of copolymer MAcPU-*co*-AcLeu in  $\text{CDCl}_3$ .

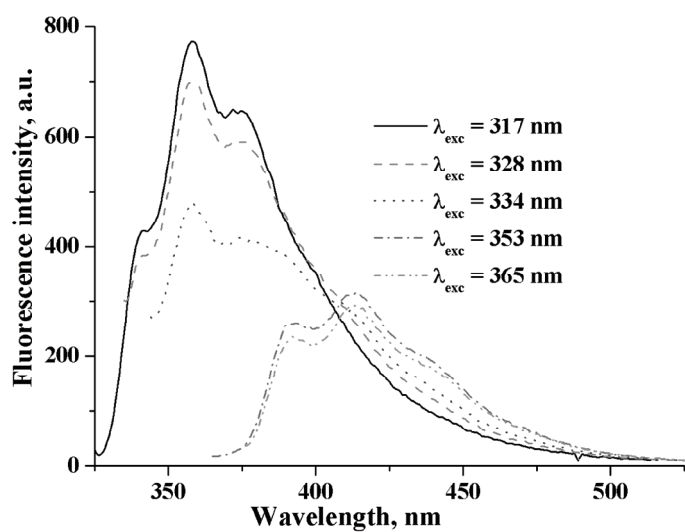


Fig. S-2. Fluorescence spectra of copolymer (MAcPU-*co*-AcLeu)-St in DMF solution at various excitation wavelengths.

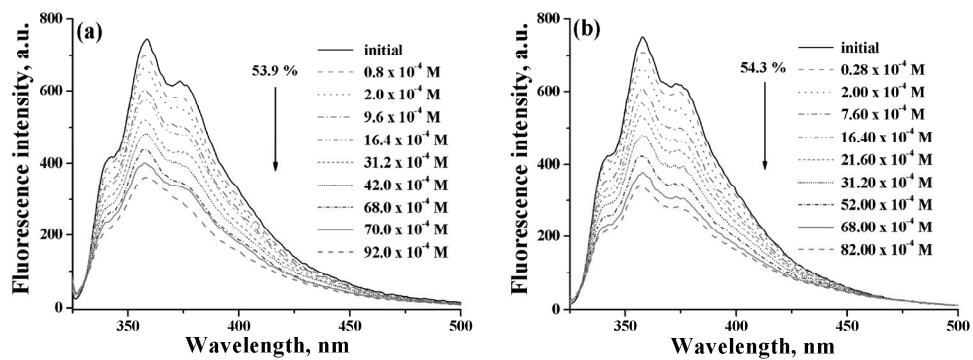


Fig. S-3. Fluorescence spectra of (MAcPU-co-AcLeu)-St in DMF solution in the absence and the presence of MAE (a) and dMAP (b) at different concentrations;  $\lambda_{\text{ex}} = 317$  nm.