

SUPPORTING INFORMATION FOR:

Study on a polymerizable visible light initiator for fabrication of biosafety materials

Xing Huang^{a,b}, Yuxi Zhang^{a,*}, Mengquan Shi^a, Yunlong Zhang^a, Yuxia Zhao^{a,*}

^a Key Laboratory of Photochemical Conversion and Optoelectronic Materials,
Technical Institute of Physics and Chemistry, Chinese Academy of Sciences.,

29 Zhongguancun East Road, Haidian District, Beijing, 100190, China;

^bUniversity of Chinese Academy of Sciences, No.19A Yuquan Road, Beijing, 100049,
China;

*yuxia.zhao@mail.ipc.ac.cn; zhangyx@mail.ipc.ac.cn; phone +86 010-82543569

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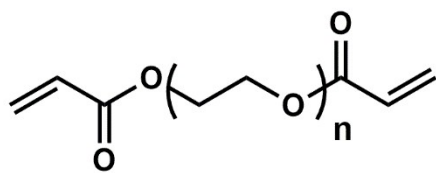
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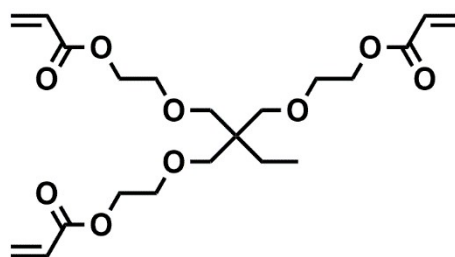
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Fig. S6 Logo of TIPC fabricated by changing the incident laser energy with a fixed line

scan speed of 110 $\mu\text{m/s}$.



PEGDA400



ETPTA

Scheme S1 Chemical structures of monomer PEGDA400 and ETPTA.

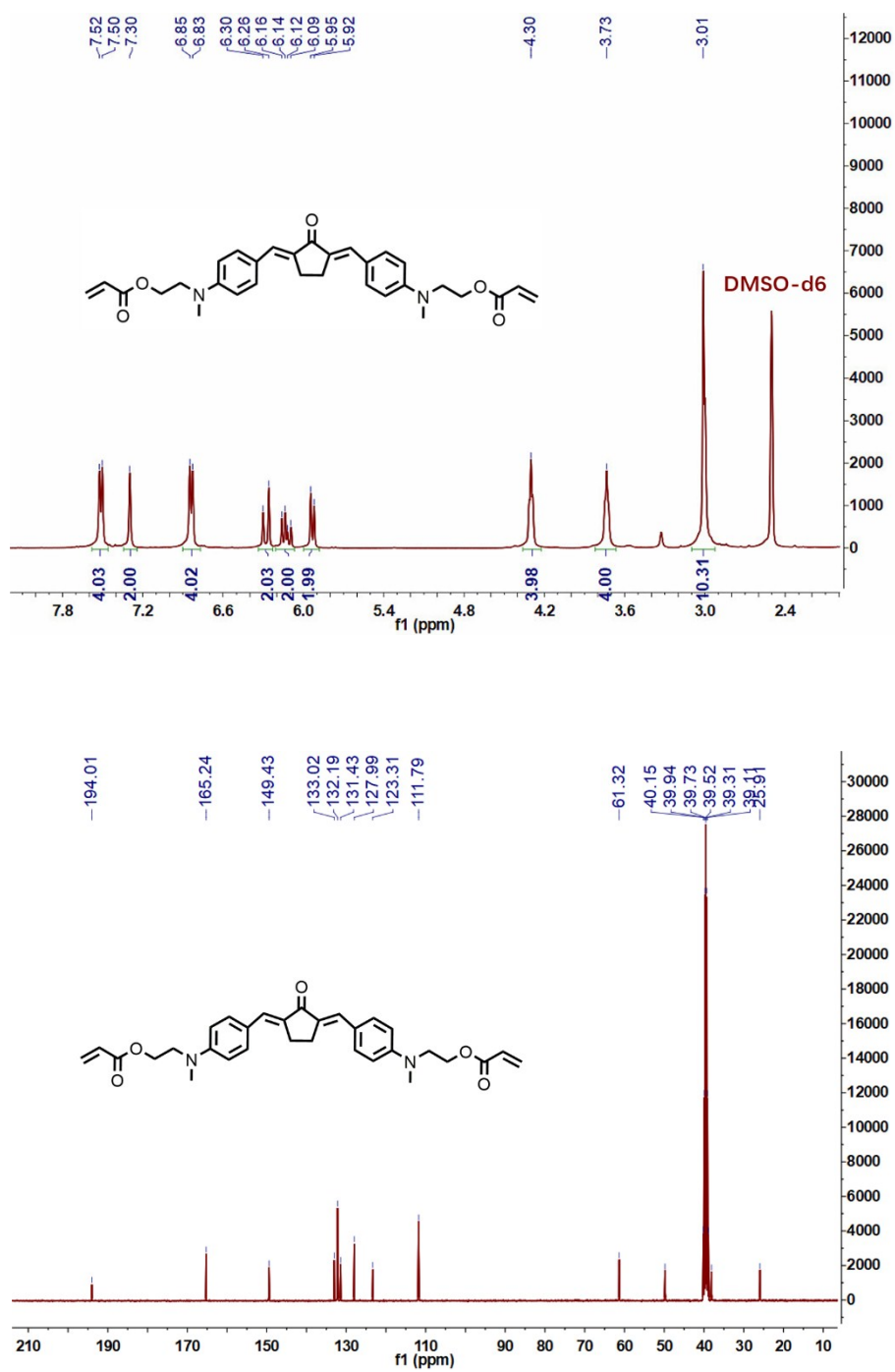


Fig. S1 ¹H-NMR and ¹³C-NMR spectra of PBDA in DMSO-d₆.

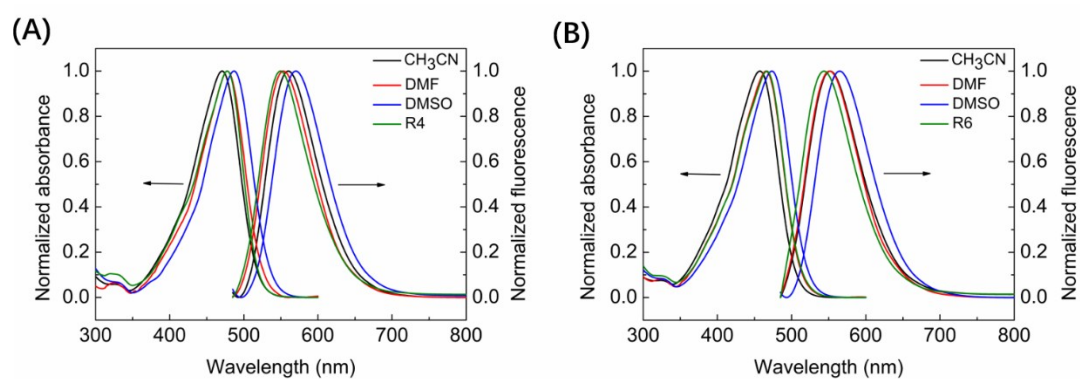


Fig. S2 Normalized linear absorption spectra and fluorescence emission spectra of **BDEA** (A) and **PBDA** (B) in different solvents and resin (**R4** and **R6**) with concentration of 1.0×10^{-6} M.

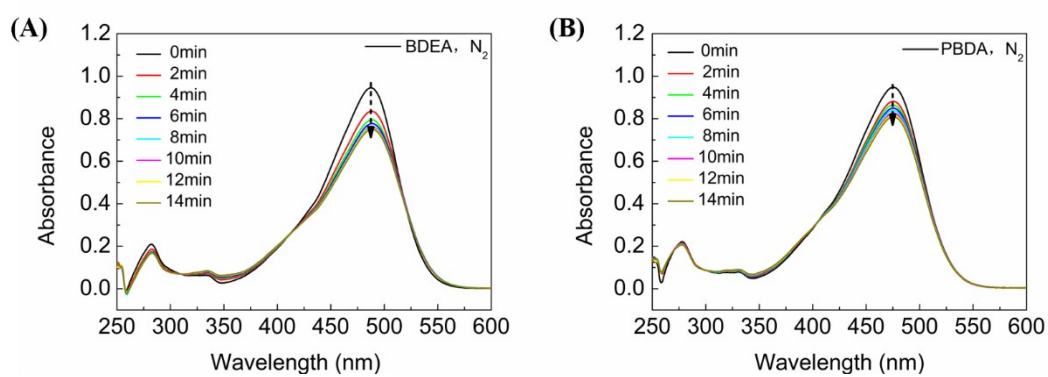


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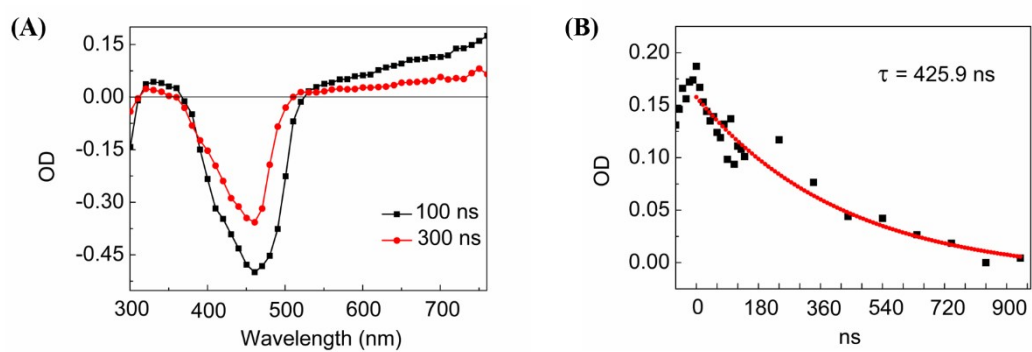


Fig. S4 (A) Transient absorption spectrum of PBDA in DMSO (1.0×10^{-4} M) using the 480 nm laser excitation with a maximum output energy of 10 mJ/pulse. (B) Exponential Fitting curve of time profiles of the absorbance at 700 nm.

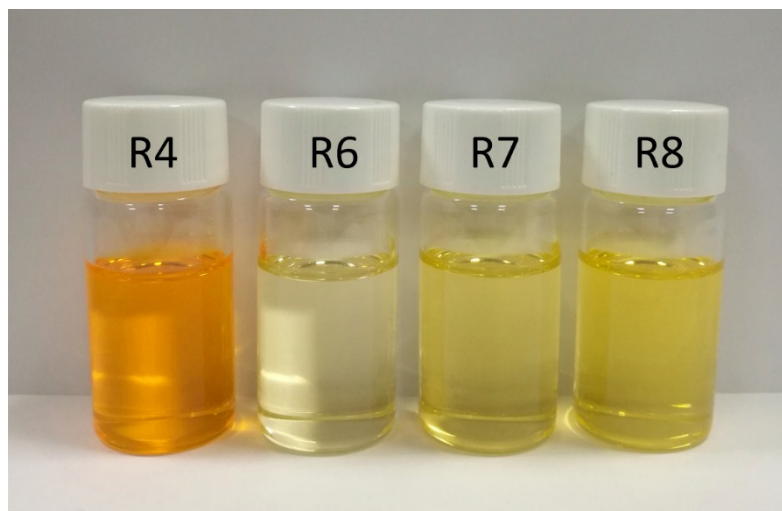


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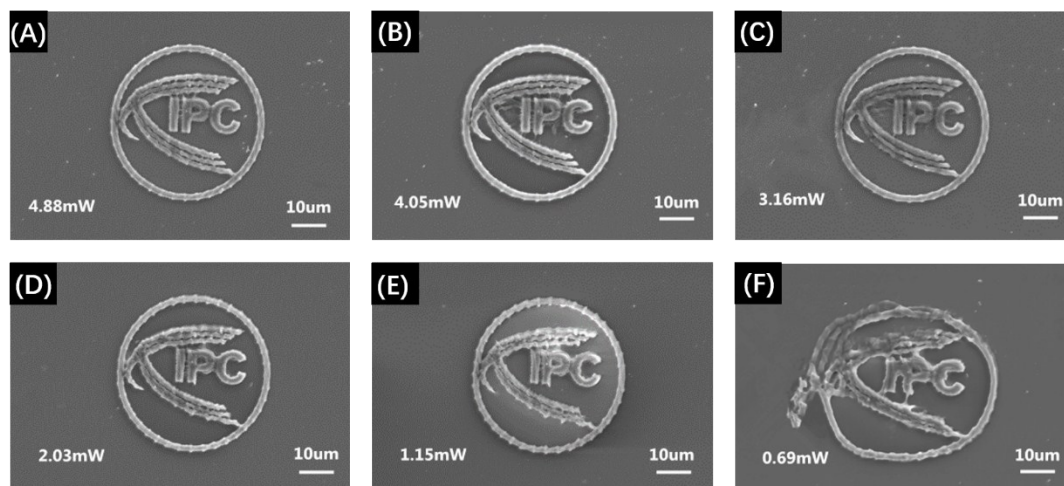


Fig. S6 Logo of TIPC fabricated by changing the incident laser energy with a fixed line scan speed of 110 $\mu\text{m/s}$.