

Electronic Supplementary Information (ESI)

Mechanochromic luminogen with aggregation-induced emission: implication for ink-free rewritable paper with high fatigue resistance and low toxicity

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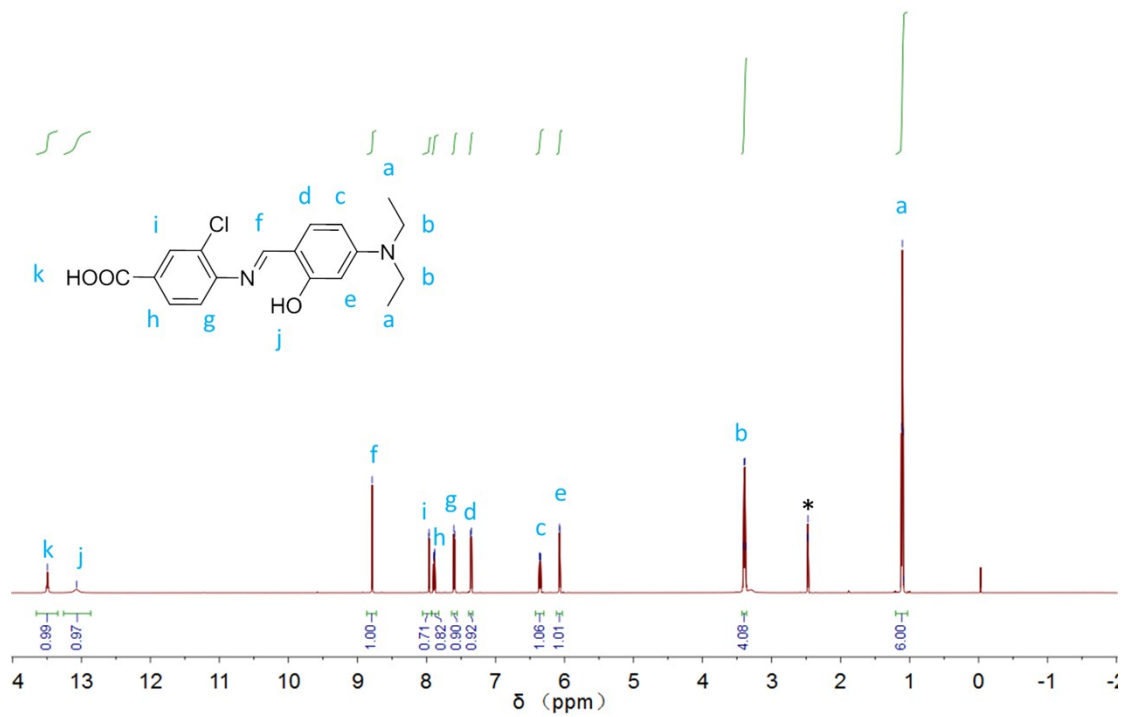


Fig. S1 ^1H NMR (600 MHz, 298 K) spectrum of DHBA in $\text{DMSO-}d_6$.

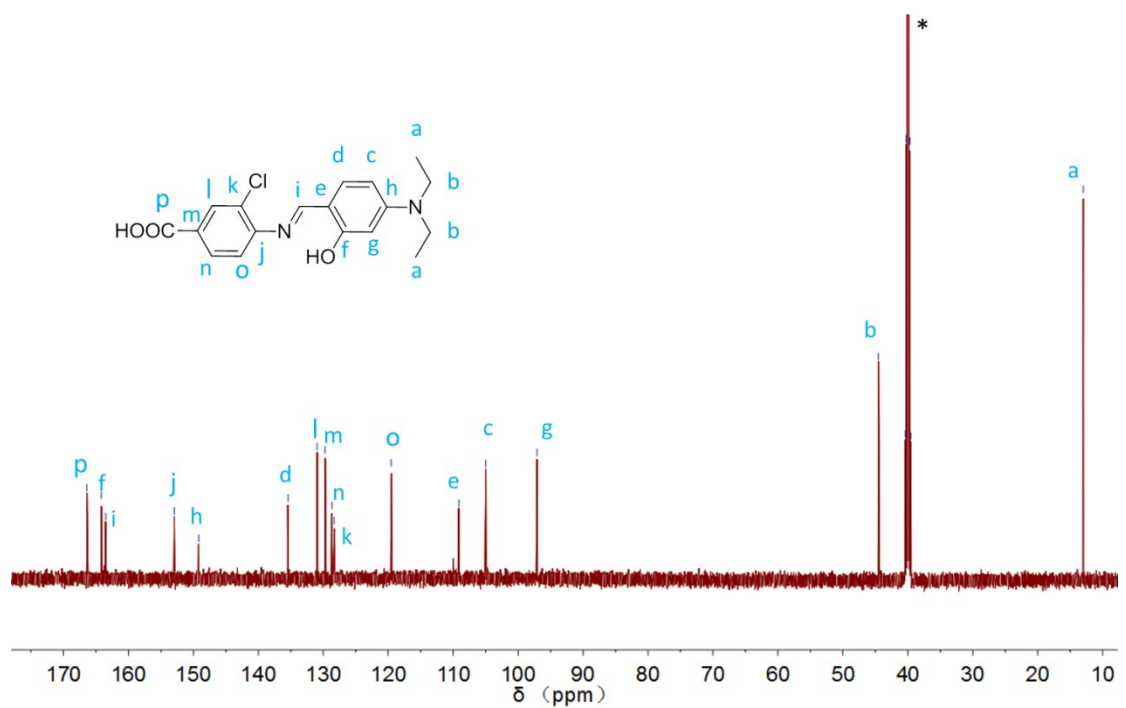


Fig. S2 ^{13}C NMR (600 MHz, 298 K) spectrum of DHBA in $\text{DMSO-}d_6$.

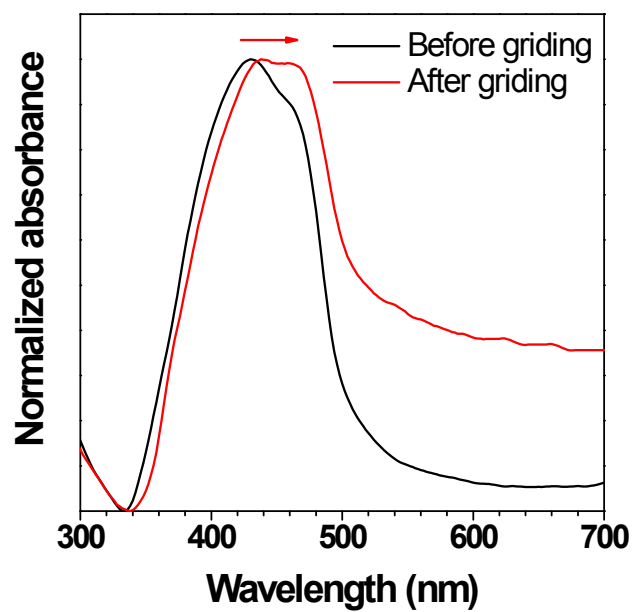


Fig. S3 UV-vis absorption spectra of unground and ground DHBA sample.

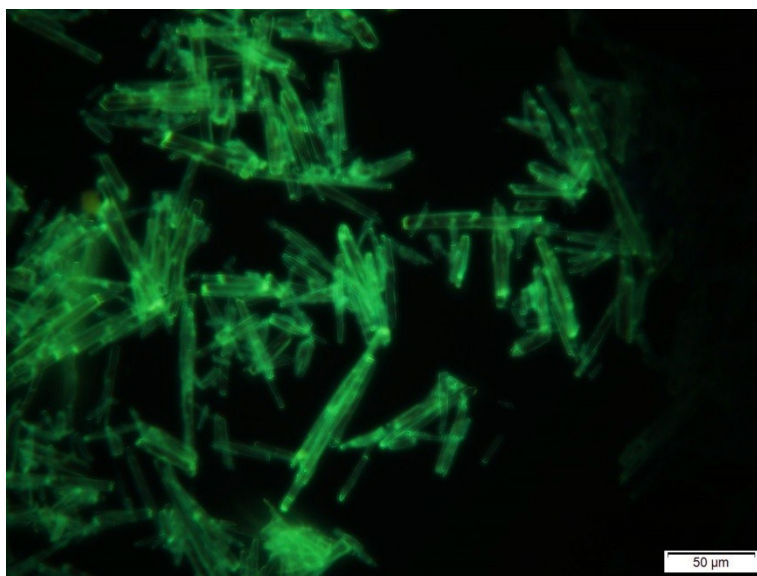


Fig. S4 fluorescence microscopy images of crystalline powder. Excitation wavelength: 405 nm.

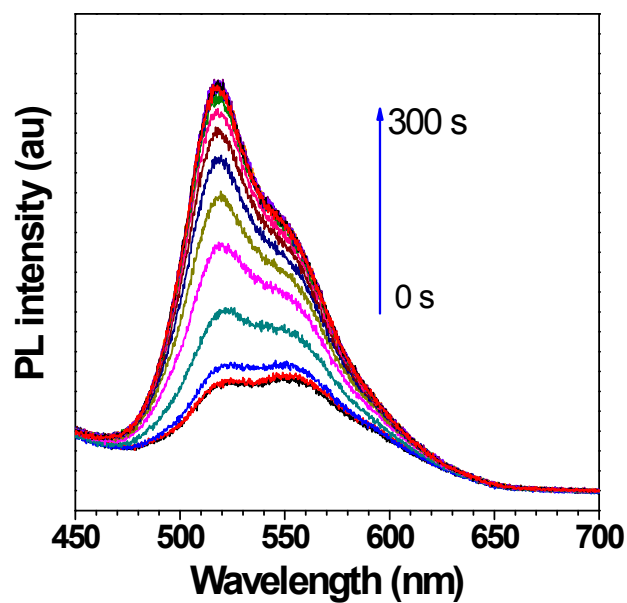


Fig. S5 Time-dependent emission spectra of the ground sample exposed to EA vapour.

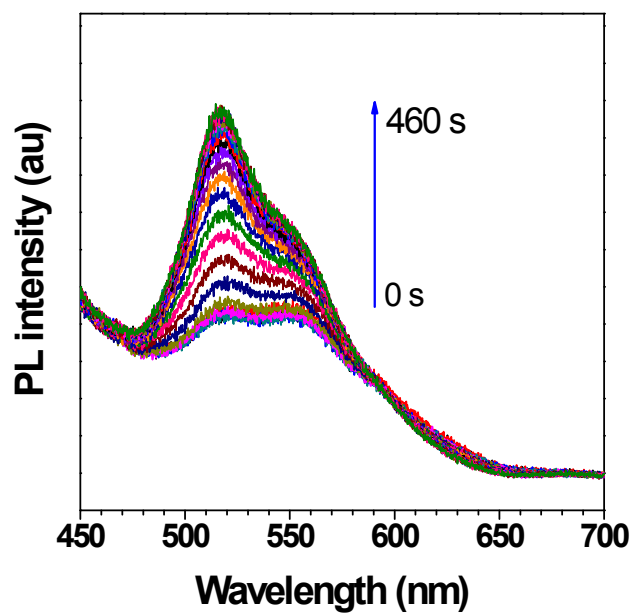


Fig. S6 Time-dependent emission spectra of the ground sample exposed to ethanol vapour.

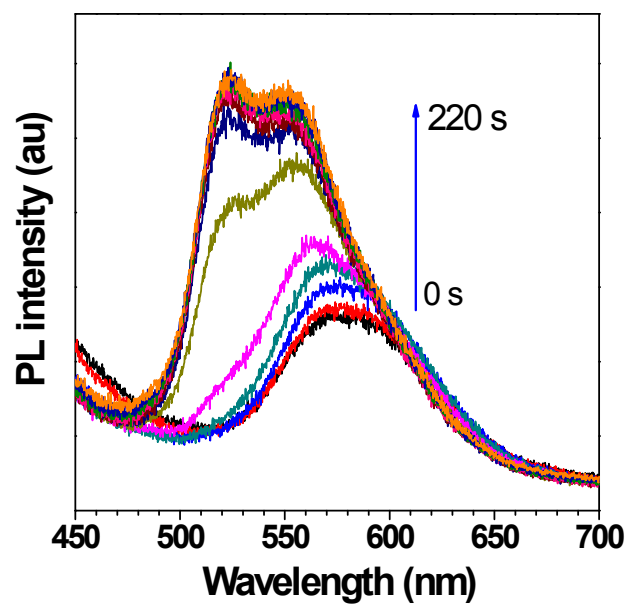


Fig. S7 Time-dependent emission spectra of the ground sample exposed to chloroform vapour.