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A novel coumarin-based red fluorogen with AIE, Self-assembly, and TADF properties

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Contents

Fig.S1. Compound CDPA ^1H NMR (CDCl_3 , 300 MHz).

Fig.S2 Compound CDPA ^{13}C NMR (CDCl_3 , 300 MHz).

Fig.S3. EI-MS of CDPA.

Fig.S4. FT-IR of CDPA powder (KBr).

Fig.S5. PLQY of CDPA powder, measured by integrating sphere, $\lambda_{\text{ex}} = 395$ nm.

Fig.S6. PLQY of CDPA neat film, measured by integrating sphere, $\lambda_{\text{ex}} = 395$ nm.

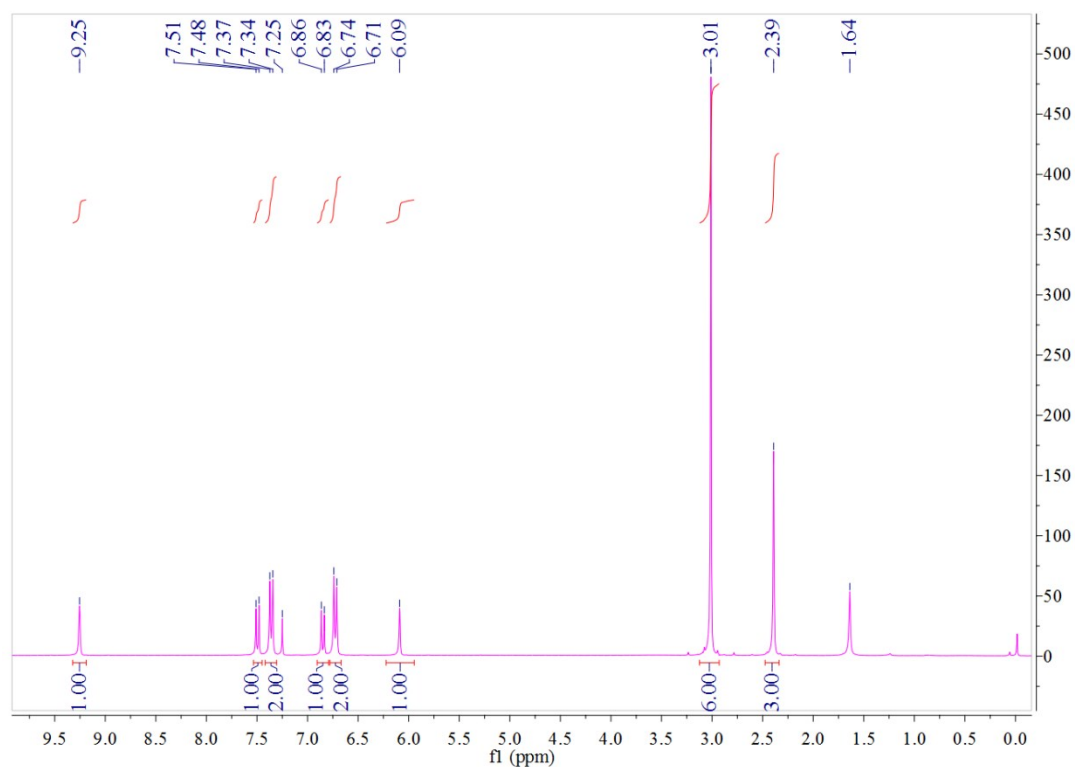


Fig.S1 Compound CDPA ^1H NMR (CDCl_3 , 300 MHz).

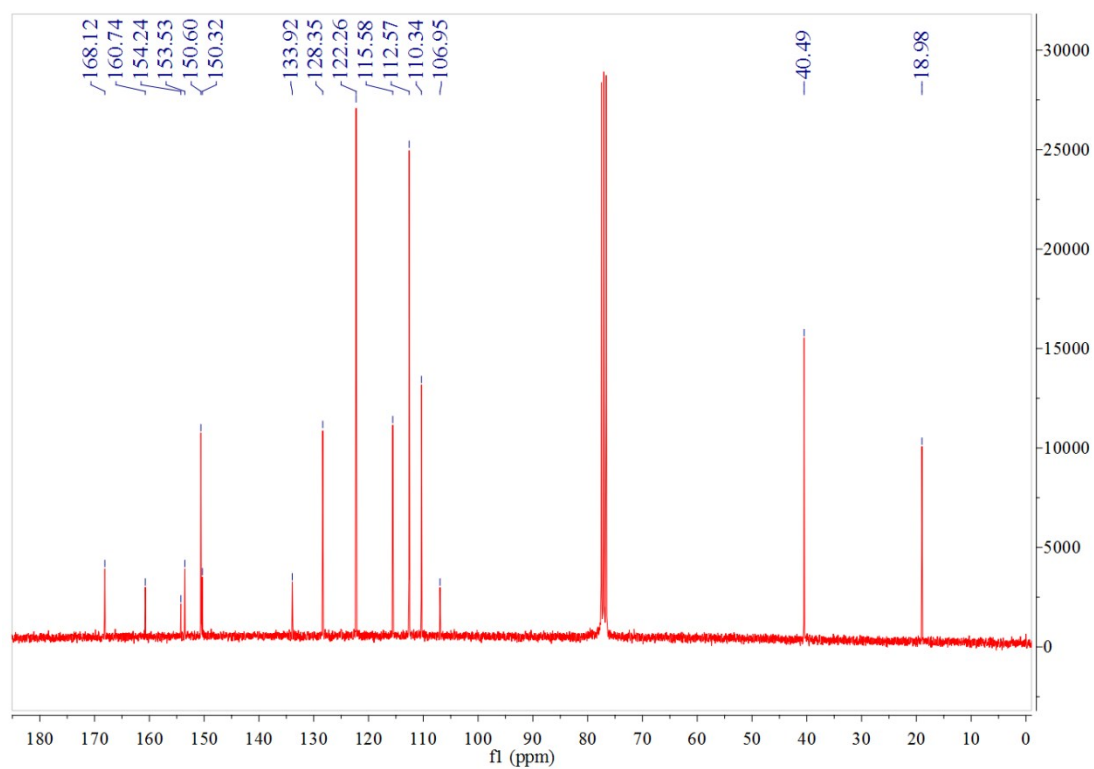


Fig.S2 Compound CDPA ^{13}C NMR (CDCl_3 , 300 MHz).

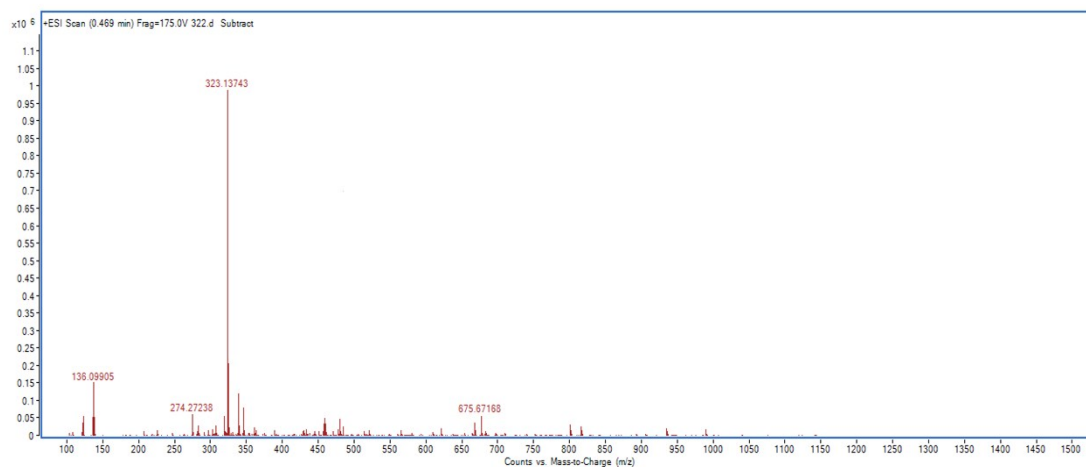


Fig.S3 EI-MS of CDPA.

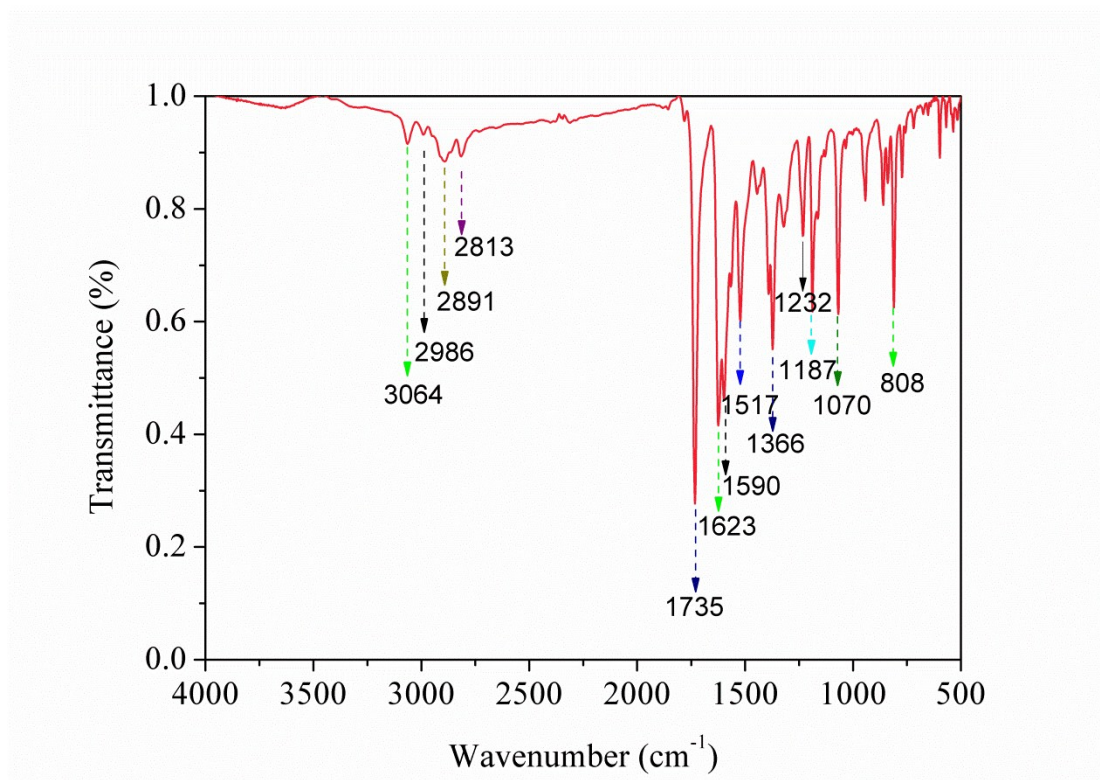
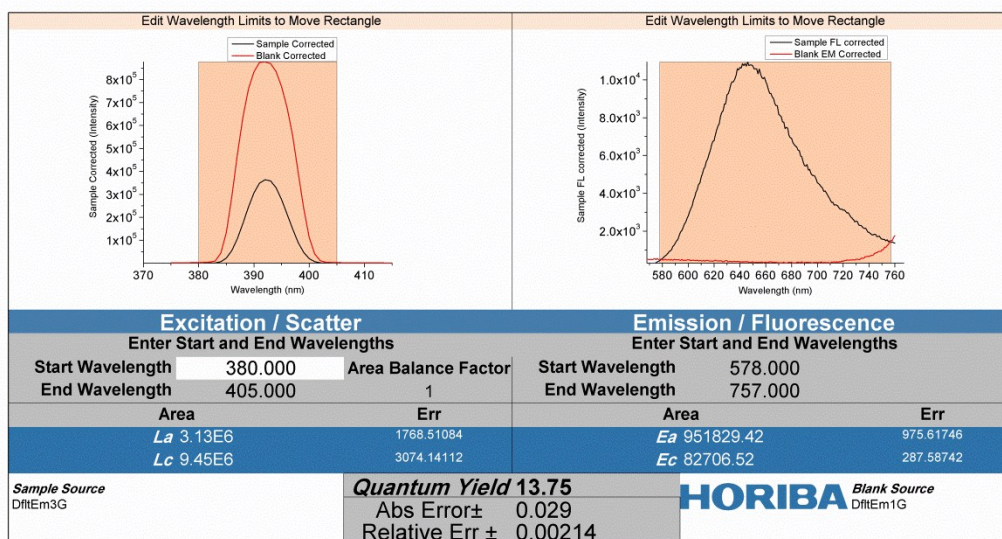
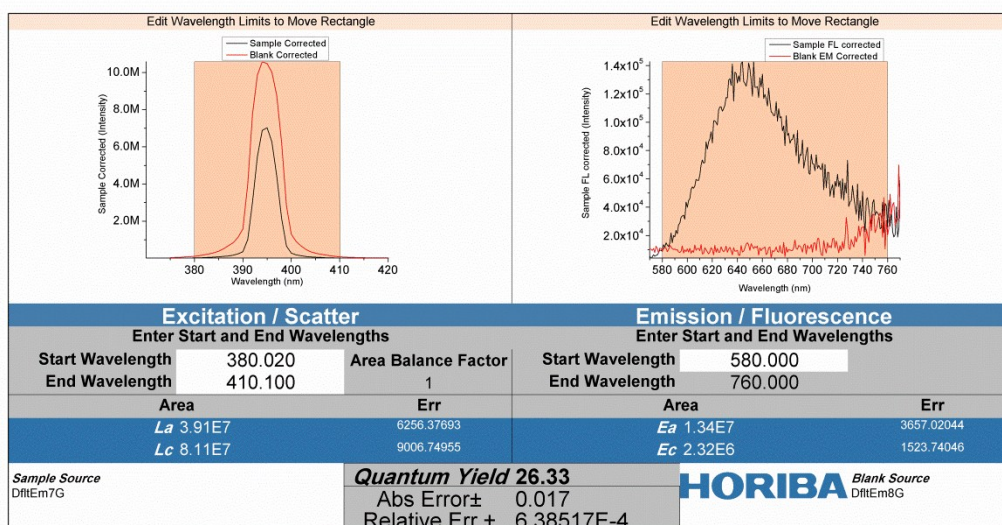


Fig.S4 FT-IR of CDPA powder (KBr).

Fig.S5. PLQY of CDPA powder, measured by integrating sphere, $\lambda_{ex} = 395$ nm.Fig.S6 PLQY of CDPA neat film, measured by integrating sphere, $\lambda_{ex} = 395$ nm.