Thermally activated delayed fluorescence material with aggregation-induced emission properties for highly efficient organic light-emitting diodes

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Electronic Supplementary Information (ESI)
$^1$H NMR of compound 1

$^1$H NMR of compound 2
$^{13}$C NMR of compound 2

$^1$H NMR of compound DCPDAPM
$^{13}$C NMR of compound DCPDAPM
Fig. S1. TGA and DSC of DCPDAPM

Fig. S2. UV-vis absorption spectra of DCPDAPM in various solvents (10⁻⁵ mol L⁻¹)
Fig. S3. Fluorescence spectra of DCPDAPM in various solvents (10^{-5} \text{mol L}^{-1})

Fig. S4. Fluorescence and phosphorescence spectra of DCPDAPM in solid film
Fig. S5 Transient PL decay curves of DCPDAPM in THF solution (10.0 μM). Insets depict PL spectra of nitrogen/oxygen in THF solution.

Fig. S6. The cyclic voltammogram curves of DCPDAPM in THF solvents (10^3 mol L^-1)